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Vol. XII DECEMBER, 1928 No.2

THE HAMILTON COLLEGE BULLETIN

ANNUAL CATALOGUE

ONE HUNDRED AND SEVENTEENTH YEAR

1928 - 1929

CLINTON, N. Y.
PUBLISHED BY THE COLLEGE
1928

Vol. XII DECEMBER, 1928 No. 2

THE HAMILTON COLLEGE BULLETIN

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Published by the College four times a year, in November, December, April, and July. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized September 11, 1918

COLLEGE CALENDAR

First Semester, 1928-1929

1928

Sept.17-19 Monday to Wednesday, Entrance Examinations.

Sept.18-19 Tuesday and Wednesday, Registration of all Classes.

Sept. 19 Wednesday, 5 p. m. New Undergraduates meet the Dean in the Chapel.

Sept. 20 Thursday, 8:30 a. m. Beginning of the Academic Year.

Sept. 22 Saturday, 2 p. m. Entrance Examinations in Science.

Thanksgiving Recess, from November 28, Wednesday, 4:30 p. m., to November 30, Friday, 1:30 p. m.

Christmas Recess, from December 19, Wednesday, 4:30 p. m., to January 3, Thursday, 8 a. m.

1929

Jan. 21-30 Semester Examinations.

Second Semester

Feb. 4 Monday, 8 a. m. Beginning of the Second Semester.

Feb. 22 Friday, Washington's Birthday.

Spring Recess, from March 28, Thursday, 4:30 p. m., to April 9, Tuesday, 8 a. m.

Apr. 13 Saturday, before 12 o'clock noon, Prize Orations, Theses, and Essays due.

May 22 Wednesday, Submission of Elective Choices, all Classes.

May 28 Tuesday, Underwood Prize Examination in Chemistry.

May 29 Wednesday, McKinney Prize Debate, 8 p. m.

May 30 Thursday, Memorial Day.

May 31 Friday, Tompkins Prize Examination in Mathematics. Brandt Prize Examination in German.

June 3-12 Semester Examinations.

June 12 Wednesday, Final Chapel. Announcement of the Honors and Prizes of the Year.

Commencement Week

June 14 Friday, Class Day.
Meeting of the Board of Trustees, 2 p. m.
McKinney Prize Declamation Contest, 4 p. m.
The Charlatans' Dramatic Exhibition, 8:15 p. m.

June 15 Saturday, Alumni Day. Meeting of the Society of Alumni, 10:30 a. m. Class Reunions.
The President's Reception, 4-6 p.m.
Clark Prize Exhibition, 7:30 p. m.

June 16 Sunday, Baccalaureate Service, 10:30 a. m.

June 17 Monday, 117th Commencement.

Summer Vacation of Thirteen Weeks

First Semester, 1929-1930

Sept.16-18 Monday to Wednesday, Entrance Examinations.

Sept.17-18 Tuesday and Wednesday, Registration of all Classes.

Sept. 18 Wednesday, 5 p. m. New Undergraduates meet the Dean in the Chapel.

Sept. 19 Thursday, 8:30 a. m. Beginning of the Academic Year.

Sept. 21 Saturday, 2 p. m., Entrance Examinations in Science.

Thanksgiving Recess, from November 27, Wednesday, 4:30 p. m., to November 29, Friday, 1:30 p. m.

Christmas Recess, from December 19, Thursday, 4:30 p. m., to January 3, Friday, 8 a. m.

1930

Jan. 20-29 Semester Examinations.

Feb. 3 Monday, 8 a. m. Beginning of the Second Semester.

THE TRUSTEES

	ELECTED	TERM
HON. ELIHU ROOT, D.C.L., LL.D., Clinton, *Chairman*	1883	
ALEXANDER C. SOPER, LL.D., Lakewood, N. J.	1897	
HENRY H. BENEDICT, LL.D., New York	1897	
CHARLES B. ROGERS, LL.D., Clinton	1899	
BENJAMIN W. ARNOLD, A.M., Albany	1901	
SAMUEL F. ENGS, A.B., New York	1904	1931
REV. ROBERT G. MCGREGOR, D.D., New Rochelle	1910	1931
REUBEN LESLIE MAYNARD, A.M., New York	1910	1931
JOSEPH RUDD, PH.B., Clinton	1910	1931
WILLIAM M. BRISTOL, A.B., New York	1912	1933
DANIEL BURKE, A.M., New York	1913	1934
PRES. FREDERICK C. FERRY, PH.D., SC.D., LL.D., Clinton	1917	
ROBERT D. FRASER, A.B., New Hartford	1921	1935
JAMES H. GLASS, M.D., Trenton Falls	1921	1935
HARRY G. KIMBALL, A.M., New York	1922	1929
REV. DARWIN F. PICKARD, D.D., Watertown	1922	1929
CHARLES A. MILLER, A.B., Barneveld	1923	1930
JOHN L. STRICKLAND, A.B., Carthage	1923	1930
ELIHU ROOT, JR., A.M., New York	1924	1931
C. WILLARD RICE, A.B., Geneva	1924	1931
WILLIAM A. FERGUSON,* A.B., New York	1925	1929
ERNST O. HEYL,* A.B., New York	1926	1930
CLARK H. MINOR, PH.B., New York	1927	1934
NEILE F. TOWNER, A.B., Albany	1927	1934
REV. ANTHONY H. EVANS,* D.D., New York	1927	1931
STUART B. BLAKELY,* M.D., Binghamton	1928	1932
FREDERIC P. WARFIELD, A.B., New York	1928	1935

* Elected by the Alumni of the College.

Committees of the Trustees

Executive Committee: MESSRS. FERRY, ROGERS, RUDD, FRASER, GLASS.

Ways and Means: MESSRS. BURKE, SOPER, BENEDICT, MAYNARD, BRISTOL, KIMBALL, FERGUSON.

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Library: MESSRS. MCGREGOR, BENEDICT, KIMBALL, STRICKLAND, MINOR.

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Undergraduate Activities: MESSRS. RUDD, ENGS, FERGUSON, HEYL, MINOR.

College Growth: MESSRS. FRASER, ARNOLD, FERRY, PICKARD, EVANS.

Finance: MESSRS. SOPER, BURKE, ELIHU ROOT, JR.

Treasurer

CHARLES B. ROGERS, LL.D., Clinton.

THE FACULTY*

FREDERICK CARLOS FERRY.....*President of the College and Professor of Mathematics.*

A.B., Williams, 1891; A.M., Williams, 1894, and Harvard, 1895; Ph.D., Clark, 1898; Sc.D., Colgate, 1909; LL.D., Hamilton, and Williams, 1917, George Washington, 1921.

ALBRO DAVID MORRILL....*Stone Professor of Biology, Emeritus.*

B.S., Dartmouth, 1876; M.S., 1879; Sc.D., Colgate, 1926.

WILLIAM HARDER SQUIRES.....*John Stewart Kennedy Professor of Philosophy.*

A.B., Hamilton, 1888; A. M., 1891; Ph.D., Leipzig, 1901.

SAMUEL J. SAUNDERS.....*Professor of Physics and Instructor in Astronomy upon the Litchfield Foundation; Registrar.*

A.B., Toronto, 1888; A.M., 1893; D.Sc., Cornell, 1894.

WILLIAM PIERCE SHEPARD.....*Burgess Professor of the Romance Languages and Literatures.*

A.B., Hamilton, 1892; A.M., 1893; Ph.D., Heidelberg, 1896.

ARTHUR PERCY SAUNDERS.....*Childs Professor of Agricultural and of General Chemistry.*

A.B., Toronto, 1890; Ph.D., Johns Hopkins, 1894.

EDWARD FITCH.....*Edward North Professor of Greek; Dean.*

A.B., Hamilton, 1886; Ph.D., Göttingen, 1896.

JOSEPH DARLING IBBOTSON...*Librarian; Instructor in Hebrew.*

A.B., Hamilton, 1890; A.M., 1894.

FRANK HOYT WOOD.....*James S. Sherman Memorial Professor of Political Science.*

A.B., Syracuse, 1891; A.M., 1894; A.B., Harvard, 1892; Ph.D., Leipzig, 1900.

* Arranged in the order of appointment to rank.

†FREDERICK MORGAN DAVENPORT....*Maynard-Knox Professor of Law and Civil Polity.*
A.B., Wesleyan, 1889; Ph.D., Columbia, 1905; LL.D., Wesleyan, 1917.

CALVIN LESLIE LEWIS.....*Upson Professor of Rhetoric and Oratory.*
A.B., Hamilton, 1890; A.M., New York University, 1901.

CLEVELAND KING CHASE....*Benjamin-Bates Professor of Latin.*
A.B., Oberlin, 1891; A.M., 1896; Litt.D., Colgate, 1919.

FRANK HUMPHREY RISTINE..*Hamilton B. Tompkins Professor of English Literature.*
A.B., Wabash, 1905; A.M., Columbia, 1907; Ph.D., 1910.

MILLEDGE LOUIS BONHAM, JR.....*P. V. Rogers Professor of History.*
B.Litt., Furman, 1900; A.M., Columbia, 1910; Ph.D., 1911.

ALBERT IRA PRETTYMAN.....*Director of Physical Education.*
International Y. M. C. A. College, Springfield, 1906; B. P. E., 1927.

HORACE SEELY BROWN.....*Professor of Mathematics; Clerk of the Faculty.*
B.S., Lafayette, 1899; M.S., 1905.

WILLIAM MASSEY CARRUTH...*Pratt Professor of Mathematics.*
A.B., Cornell, 1901.

NELSON CLARKE DALE.....*Professor of Geology.*
B.S., Middlebury, 1903; A.M., Brown, 1909;
Ph.D., Princeton, 1914.

EDWARD FRANKLIN HAUCH.....*Munson Professor of the German Language and Literature.*
A.B., Toronto, 1907; A.M., Columbia, 1909; Ph.D., 1916.

ROBERT BARNES RUDD.....*Professor of English Literature.*
A.B., Hamilton, 1909; B.A., Oxford, 1912; A.M., Hamilton, 1913.

DONALD BLYTHE DURHAM.....*Professor of Latin and Greek.*
A.B., Princeton, 1905; A.M., 1906; Ph.D., 1911

† Absent on leave.

FRANCIS LESTER PATTON.....*Professor of Economics.*
A.B., Ohio State University, 1913; B.A., Oxford, 1916;
M.A., 1919; Ph.D., Columbia, 1926.

PAUL ADEE FANCHER.....*Professor of English.*
A.B., Amherst, 1910; A.M., Columbia, 1916.

JOHN HOWARD HOWSON.....*Walcott Professor of Ethics and Christian Evidences.*
A.B., Toronto, 1916; A.M., Teachers College, 1923;
B.D., Union Theological Seminary, 1923.

BERRIAN RANKIN SHUTE.....*Professor of Music Appreciation.*
Institute of Musical Art in New York, 1910-1916.

JEAN MARIUS GÉLAS.....*Director of Physical Education.*
École Normale Militaire d'Escrime et de Gymnastique,
Joinville-le-Pont, France, 1898-1902.

WILLARD BOSTWICK MARSH...*Professor of English Composition and Public Speaking.*
A.B., Hamilton, 1912; A.M., 1915; A.M., Princeton, 1917.

ARTHUR RALPH WINTERS.....*Director of Physical Education.*
A.B., Oberlin, 1923.

WALTER NORTON HESS.....*Stone Professor of Biology.*
A.B., Oberlin, 1913; A.M., Cornell, 1916; Ph.D., 1919.

RALPH CLEWELL SUPER.....*Associate Professor of Spanish, French, and German.*
A.B., Ohio University, 1895; Diploma of Grenoble, France, 1899.

GEORGE ELLAS WISEWELL.....*Associate Professor of Romance Languages.*
Ph.B., Hamilton, 1904; A.M., Johns Hopkins, 1911;
Ph.D., Wisconsin, 1918.

JOHN DAY.....*Associate Professor of Greek and Latin.*
A.B., Ohio State, 1921; Ph.D., Johns Hopkins, 1925.

WALTER HERMAN CARL LAVES.....*Associate Professor of Political Science.*
Ph.B., Chicago, 1923; Ph.D., 1927.

BOYD CRUMRINE PATTERSON.....*Associate Professor of Mathematics.*
A.B., Washington and Jefferson, 1923; A.M., Johns Hopkins, 1925; Ph.D., 1926.

EDGAR BALDWIN GRAVES.....*Associate Professor of History.*
A.B., Haverford, 1919; A.M., 1922.

ASA EMANUEL MCKINNEY....*Associate Professor of Chemistry.*
A.B., Indiana University, 1914; A.M., 1915; Ph.D., Cornell, 1923.

MOX ARTHUR WEBER.....*Associate Director of Physical Education.*
A.B., Oberlin, 1925.

EARL ORLO BUTCHER.....*Assistant Professor of Biology.*
A.B., DePauw University, 1925; A.M., Cornell, 1926; Ph.D., 1928.

CHARLES DOUGLAS CHRETIEN.....*Instructor in English Composition.*
A.B., Hamilton, 1926; A.M., 1928.

PETER BENTLEY DAYMONT, JR....*Instructor in Public Speaking.*
A.B., Hamilton, 1926.

CLIFFORD MORTIMER CRIST.....*Instructor in French.*
A.B., Hamilton, 1927.

PAUL BERNHARDT HAIST.....*Instructor in German.*
A.B., North Central, 1926.

VIRGIL GEORGE SLEIGHT.....*Instructor in Geology.*
B.S., Northwestern, 1925; M.S., Brown, 1927.

CASSIUS WILD CURTIS.....*Instructor in Physics.*
A.B., Williams, 1928.

EDWARD WALES ROOT.....*Lecturer on Art.*
A.B., Hamilton, 1905; A.M., 1908.

Committees of the Faculty

Schedule and Studies: MR. CARRUTH, THE PRESIDENT, MESSRS. RISTINE, DURHAM, HOWSON, MARSH.

Discipline: THE PRESIDENT, THE DEAN, MESSRS. BROWN, FANCHER, MARSH; and four members of the Senior Class, representing the undergraduates.

Attendance and Scholarship: THE PRESIDENT, THE DEAN, MESSRS. BROWN, DALE, MCKINNEY.

Undergraduate Activities: MESSRS. RISTINE, A. P. SAUNDERS, PRETTYMAN, HESS, WISEWELL.

Reading: THE PRESIDENT, MESSRS. SQUIRES, A. P. SAUNDERS, LEWIS, RUDD.

Library: MESSRS. IBBOTSON, SHEPARD, HOWSON, DAY, PATTERSON, LAVES.

Admissions: THE PRESIDENT, MESSRS. FITCH, CHASE, RISTINE, BONHAM, HAUCH, AND JOHNSON, SECRETARY.

Record of Scholarship: THE REGISTRAR, MESSRS. BROWN, CARRUTH, PATTON, PATTERSON.

Catalogue: MESSRS. IBBOTSON, DURHAM, PATTON, SUPER, WISEWELL, BUTCHER.

Research: MR. SHEPARD, THE PRESIDENT, MESSRS. IBBOTSON, DALE, HESS, GRAVES.

Music Appreciation: THE PRESIDENT, MESSRS. A. P. SAUNDERS, CHASE, FANCHER, SHUTE, MARSH.

Officers of Administration

FREDERICK CARLOS FERRY, PH.D., SC.D., LL.D. ..... *President*
CHARLES BUTLER ROGERS, A.M., LL.D. ..... *Treasurer*
EDWARD FITCH, PH.D. ..... *Dean*
JOSEPH DARLING IBBOTSON, A.M. ..... *Librarian*
HORACE SEELY BROWN, M.S. ..... *Clerk of the Faculty*
SAMUEL J. SAUNDERS, D.SC. ..... *Registrar*
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WALLACE BRADLEY JOHNSON, PH.B. ..... *Secretary of Admissions*
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MRS. ROY BICKNELL DUDLEY, A.B. ..... *Library Assistant*
HELEN RUTH LOOMIS ..... *Library Assistant*
LOLITA GILBERT ..... *Library Assistant*
RUTH BENTON SWARTWOUT ..... *Stenographer*
ADELAIDE MARY TIMIAN ..... *Stenographer*
LUCY CECELIA HICKOX ..... *Stenographer*
SARAH ORISSA JEWETT ..... *Stenographer*
ADELBERT JOHN DANFORD ..... *Manager of Commons*
WILLIAM WALLACE ..... *Assistant Superintendent of Grounds*

INFIRMARY STAFF

VARNEY BERNARD HAMLIN, M.D. ..... *College Physician*
KATHERINE GERTRUDE WELCH, R.N. ..... *Resident Nurse*

EARLY HISTORY

Hamilton College is the outgrowth of the labors of Samuel Kirkland, missionary to the Oneida Indians through the latter half of the eighteenth century. At the beginning of the Revolutionary War, Kirkland's influence drew many Iroquois to the Colonial cause, and materially contributed to the successful issue of the Battle of Oriskany and the relief of Fort Stanwix. This service and others during the Revolution, followed by frequent interposition in behalf of friendly relations between the Indians and the white settlers, won for Kirkland the confidence and regard of Washington and Hamilton. When Kirkland determined to establish a school for the Indians and the sons of pioneers, Hamilton gave his support to the project, and became the first trustee of the Hamilton Oneida Academy. The Academy was chartered by the Regents of the University of the State of New York, January 29, 1793. The State and the Indians had granted to Kirkland in 1788 a tract of wild land in what is now the Town of Kirkland, a portion of which was set aside for the new institution. Here, in a small clearing, at a spot just south of the present Chapel, the corner-stone of the first building was laid by Baron Steuben, July 1, 1794. The school expanded, until in 1810 its students numbered 170. Two years later, May 26, 1812, the college charter was granted.

Purpose

In a period of rapid changes in educational theory, Hamilton College chooses to preserve the earlier college ideals. It believes that the discipline of language-training is an essential part of the preparation for subsequent specialization in any field of study, as well as the basis for a critical appreciation of literature; that the mastery of subjects of approved disciplinary and cultural value is

a means of giving students a broad and liberal training for life; and that, in the diversity of modern educational needs, there is a definite place for the small college that emphasizes the humanities.

While the College thus vigorously maintains the cultural ideal, it aims to neglect no subject that is essential to a well-rounded education. The modern languages are not sacrificed to the ancient, nor the natural sciences to philosophical or historical studies. Laboratory training in the methods of science forms an integral part of the scheme of studies prescribed as the basis of a liberal education. At the same time, students may receive thorough preparation for the scientific and the medical schools. Instruction in the principles of constitutional government, begun under Theodore W. Dwight, eighty-five years ago, and extended to follow the advance of constitutional government throughout the world, is designed to equip men for intelligent citizenship. The College has long enjoyed a reputation for the efficient training in public speaking which it imparts to all its students, and work in this department is required of every undergraduate throughout his course.

By the application of a group system of electives, the College aims to secure breadth without superficiality, and thoroughness without cramping rigidity. It demands intensive work on the part of its students, and it strives to offer them breadth of educational and spiritual outlook.

ADMISSION

Methods of Admission to the Freshman Class

Admission to the Freshman Class of the College in September is to be secured in various ways described below. It is to be noted, however, that the total annual enrollment has been limited to four hundred undergraduates. Since many more candidates seek admission each year than can possibly be received, the College is obliged to make selection among them. In the making of this selection, the chief weight is given to scholarship and character.

1. By the Examinations of the College Entrance Examination Board. Applications for examinations conducted by this Board must be addressed to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board at least three weeks in advance of the examination. The fee is ten dollars for all candidates. These examinations will be offered at the College, June 17-22, 1929, in accordance with the schedule published by the College Entrance Examination Board.

2. By Examination at the College. Entrance examinations will be held in the several department rooms, September 16-21, 1929, as follows:

Monday, Sept. 16	Latin, 2 to 5 p. m.
Tuesday, Sept. 17	Mathematics, 8:30 to 11:30 a. m. English, 2 to 5 p. m.
Wednesday, Sept. 18	Greek, 8:30 to 11:30 a. m. Modern languages, 8:30 to 11:30 a. m. History, 2 to 4 p. m.
Saturday, Sept. 21	Biology, Chemistry, Physics, Physical Geography, 2 to 5 p. m. Advanced mathematics, 2 to 5 p. m.

Any of these examinations may be taken one year before admission to college.

3. By the Examinations of the Regents of the University of the State of New York. The results of the Regents' examinations are accepted for the purposes of admission to college. It is required, however, that the marks average at least as high as seventy in all the examinations offered; or, if they fail of this average as a whole, those individual subjects may still be credited where the mark is as high as seventy, while further examinations are required in the others.

4. By Certificate from the Principal of the School in which the Candidate has prepared. Such schools must have been approved by the Faculty of the College. Blank certificates will be sent by the President upon request, and should be filed with him as early as possible.

Requirements for Admission

Fifteen units of secondary school subjects are required. A unit in any subject represents a year's study, constituting approximately a quarter of a full year's work. Under ordinary circumstances, a satisfactory year's work in any subject cannot be accomplished in less than 120 sixty-minute periods or their equivalent.

Required

English 3	units	Foreign Language, of	
Algebra 2	units	which at least two	
Plane Geometry 1	unit	units must be in	
History 1	unit	Latin or Greek....5 to 7 units	
		Elective .....3 to 1 units	
		Total .....15 units	

ELECTIVE (if not included above)

Elementary German .....2 units
Advanced German .....1 unit
Elementary French .....2 units
Advanced French .....1 unit
Elementary Spanish .....2 units
Advanced Spanish .....1 unit
Fourth year of Latin .....1 unit
Third year of Greek.....1 unit
Civics .....½ unit
Ancient, European, English, American, and Modern History, each .....1 unit
Biology .....1 unit
Chemistry .....1 unit
Physics .....1 unit
Physical Geography .....1 unit
Adv. Mathematics .½ to 1½ units

A single elementary year of a language is not counted as fulfilling any unit of these requirements. The third year of advanced language study may, however, be presented as a required or an elective unit.

Part, at least, of the preparatory work in algebra should be done in the final year in the secondary school.

The following combinations of foreign languages and elective subjects may be made, eight units in each case. These, added to the seven units in English, mathematics, and history, satisfy the total requirement of fifteen units.

ADMISSION GROUPS

I		II		III		IV	
Latin	4	Latin	4	Latin	4	Latin	4
Greek	3	Greek	2	Mod. L.	3	Mod. L.	2
Elect.	1	Elect.	2	Elect.	1	Elect.	2
	8		8		8		8

V		VI		VII		VIII	
Latin	3	Latin	3	Latin	3	Latin	2
Mod. L.	3	Mod. L.	2	Mod. L.	2	Mod. L.	3
Elect.	2	Mod. L.	2	Elect.	3	Elect.	3
		Elect.	1				
	8		8		8		8

A like number of units of admission Greek are accepted as a substitute for Latin in Admission Groups V-VIII.

A candidate slightly deficient in any subject required for admission may be admitted with a condition in that subject. For the removal of the condition the department concerned will fix a program of study, and will set an examination not later than the opening of the second semester.

A satisfactory testimonial of conduct and character is required of all candidates for admission.

Definition of Requirements

English

Definition of the Requirements

Habits of correct, clear, and truthful expression. This part of the requirement calls for a carefully graded course in oral and written composition, and for instruction in the practical essentials of grammar, a study which ordinarily should be reviewed in the secondary school. In all written work constant attention should be paid to spelling, punctuation, and good usage. In all oral work there should be constant insistence upon the elimination of such elementary errors as personal speech-defects, foreign accent, and obscure enunciation.

Ability to read with intelligence and appreciation works of moderate difficulty; familiarity with a few masterpieces. This part of the requirement calls for a carefully graded course in literature. Two lists of books are provided from which a specified number of units must be chosen for reading and study. The first contains selections appropriate for the earlier years in the secondary school. These should be carefully read, in some cases studied, with a measure of thoroughness appropriate for immature minds. The second contains selections for the closer study warranted in the later years. The progressive course formed from the two lists should be supplemented by home reading on the part of the pupil and by classroom reading on the part of pupils and instructor. It should be kept constantly in mind that the main purpose is to cultivate a fondness for good literature and to encourage the habit of reading with discrimination.

Books for Reading

The books provided for reading are arranged in five groups, from each of which at least two selections are to be made, except that for

any book in group 5 a book from any other group may be substituted. Selections are set off by semicolons.

GROUP 1. Dickens' *A Tale of Two Cities;* George Eliot's *The Mill on the Floss;* Scott's *Ivanhoe* or *Quentin Durward;* Stevenson's *Treasure Island* or *Kidnapped;* Hawthorne's *The House of the Seven Gables;* Cooper's *The Last of the Mohicans.*

GROUP 2. Shakespeare's *Merchant of Venice; Julius Cæsar; King Henry V; As You Like It; The Tempest.*

GROUP 3. Chaucer's *Canterbury Tales* (selections); Scott's *The Lady of the Lake;* Coleridge's *The Ancient Mariner,* and Arnold's *Sohrab and Rustum;* a collection of representative verse, narrative and lyric; Tennyson's *Idylls of the King* (any four); the *Æneid* or the *Odyssey* or the *Iliad* in a translation of recognized excellence, with the omission, if desired, of Books I-V, XV, and XVI of the *Odyssey* and Books XI, XIII-XV, and XXI of the *Iliad;* Longfellow's *Tales of a Wayside Inn; Beowulf,* in a translation of recognized excellence.

GROUP 4. The *Old Testament* (the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther); Irving's *Sketch Book* (about 175 pages); Addison and Steele's *Sir Roger de Coverley Papers;* Macaulay's *Lord Clive,* or *History of England,* chapter 3; Franklin's *Autobiography;* Emerson's *Representative Men.*

GROUP 5. A modern novel; a collection of short stories (about 250 pages); a collection of contemporary verse (about 150 pages); a collection of prose writings on matters of current interest (about 150 pages); a collection of scientific writings (about 150 pages); a selection of modern plays (about 250 pages); a modern biography or autobiography.

Books for Study

One selection is to be made from each of groups 1 and 2, and two selections from group 3.

GROUP 1. Shakespeare's *Macbeth; Hamlet.*

GROUP 2. Milton's *L'Allegro, Il Penseroso,* and either *Comus* or *Lycidas;* Browning's *Cavalier Tunes, The Lost Leader, Good News from Ghent, Home Thoughts, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," Instans Tyrannus, One Word More.*

GROUP 3. Macaulay's *Life of Johnson;* Burke's *Speech on Conciliation with America;* Lowell's *On a Certain Condescension in Foreigners,* and *Democracy;* Carlyle's *Essay on Burns,* with a brief selection from Burns' poems; Lincoln's *Speech at Cooper Union,* his *Farewell to the Citizens of Springfield,* his brief addresses at *Indianapolis, Albany,* and *Trenton,* the speeches in *Independence Hall,* the two *Inaugurals,* the *Gettysburg Speech,* and his *Last Public Address,* together with a brief memoir.

MATHEMATICS

Elementary Mathematics

(A) ELEMENTARY ALGEBRA. This requirement consists of the requirements Mathematics A1 and Mathematics A2 combined. *Two units.*

(A1) ALGEBRA TO QUADRATICS. The meaning, use, evaluation, and necessary transformations of simple formulas; the graph, and graphical representation in general; negative numbers, their meaning and use; linear equations in one unknown quantity, and simultaneous linear equations involving two unknown quantities; ratio, as a case of simple fractions; proportion as a case of an equation between two ratios; variation; exponents and radicals, simple cases; numerical trigonometry; problems. *One unit.*

(A2) QUADRATICS AND BEYOND. Numerical and literal quadratic equations in one unknown quantity; the binominal theorem for positive integral exponents, with applications; arithmetic and geometric series; simultaneous linear equations in three unknown quantities; simultaneous equations, consisting of one quadratic and one linear equation, or of two quadratic equations; exponents and radicals; logarithms; problems. *One unit.*

(B) ADVANCED ALGEBRA. Theory of equations; determinants; complex numbers, numerical and geometric treatment; simultaneous quadratics; mathematical induction; permutations and combinations; probability; partial fractions. *One-half unit.*

(C) PLANE GEOMETRY. The usual theorems and constructions of good text-books, including the general properties of plane recti-linear figures; the circle and measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; original exercises, including loci problems; numerical applications to the mensuration of lines and plane surfaces. *One unit.*

(D) SOLID GEOMETRY. The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere

and the spherical triangle; original exercises, including loci problems; applications to the mensuration of surfaces and solids. *One-half unit.*

(E) TRIGONOMETRY. Definitions and relations of the six trigonometric functions as ratios; functions of zero, thirty, forty-five, sixty, ninety degrees, and of angles differing from these by multiples of ninety degrees; circular measure of angles; proofs of the fundamental formulas, and of simple identities derived from them; solution of trigonometric equations; theory and use of logarithms, without the introduction of work involving infinite series; use of trigonometric tables, with interpolation; derivation of the formulas used in the solution of triangles; solution of right and oblique triangles, both with and without logarithms. *One-half unit.*

HISTORY

Ancient History, European History, English History, Modern History, and United States History may each be offered as one unit for entrance. An accurate text-book of about 500 pages should be covered, and supplemented by suitable parallel readings of about 1,000 pages. Attention should be paid to historical geography. The examination will call for comparison of historical characters, periods, and events, and for the exercise of judgment as well as of memory.

LATIN

The requirement for admission by examination is that of the College Entrance Examination Board, as stated below. The statement also indicates the preparation recommended for a candidate who presents a principal's certificate for admission. The requirement in a modified form is incorporated in the Syllabus of the New York State Education Department, whose credentials are accepted. For a candidate who offers but three units of Latin, requirement I, 2, b, or I, 2, c, below, is omitted; for one who offers only the two units required of candidates for the degree of Bachelor of Science, I, 2, b, and I, 2, c, below, are both omitted.

I. Amount and Range of Reading Required

(1) The reading, without regard to the prescription of particular authors and works, shall not be less in amount than Caesar, *Gallic War,* I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Vergil, *Aeneid,* I-VI.

(2) The amount of reading specified above shall be selected by the

schools from the following authors and works: (*a*) Caesar, *Gallic War* and *Civil War,* and Nepos, *Lives;* (*b*) Cicero, orations, letters, and *De Senectute,* and Sallust, *Catiline* and *Jugurthine War;* (*c*) Vergil, *Bucolics, Georgics,* and *Aeneid,* and Ovid, *Metamorphoses, Fasti,* and *Tristia.*

II. Scope of Examination

(1) TRANSLATION AT SIGHT. Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

(2) PRESCRIBED READING. Candidates will be examined also upon the following prescribed reading: Cicero, the first oration against Catiline, the oration for Archias, and the impeachment of Verres, Actio Secunda, IV, ch. 52-60 (The Plunder of Syracuse); Vergil, *Aeneid,* III and VI; Ovid, *Metamorphoses,* Book I, 313-415 (Deucalion and Pyrrha); II, 1-328, (Phaethon); VII, 1-158 (The Golden Fleece); VIII, 616-724 (Philemon and Baucis); X, 560-680 (Atalanta's Race). Accompanying the different passages will be questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

(3) GRAMMAR AND COMPOSITION. The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

GREEK

The requirement is substantially as defined by the New York State Education Department in its Syllabus outlining the work of the first, second, and third years; and by the College Entrance Examination Board.

(1) Greek Grammar; Xenophon's *Anabasis,* Books 1-4; the translation at sight of easy Greek prose; the translation into Greek of simple sentences based upon Books 1-2 of the *Anabasis,* in order to test the candidate's knowledge of forms and important principles of syntax. *Two units.*

(2) Homer's *Iliad,* Books 1-3 (omitting the catalogue of the ships),

or an equivalent amount of the text of Homer. This includes Homeric forms, constructions, and prosody. *One unit.*

The requirements as above stated apply to candidates who are admitted either by certificate or by examination; and to competitors for the Maynard and Brockway Entrance Prizes and the Fayerweather Scholarships in so far as such competitors offer Greek as an entrance subject.

Modern Languages

The requirements follow the recommendations of the Committee of Twelve of the Modern Language Association of America, upon which the more detailed statements of the College Entrance Examination Board and of the New York State Education Department are based.

The requirements are divided into (A) elementary (two units), and (B) advanced (one unit). A single first year is not accepted. In general a modern language should be treated as a living language which is not merely to be read, but also to be written, spoken, and understood when heard. Hence the accurate acquisition of the foreign sounds and of a standard pronunciation is all important from the beginning, and the direct method of teaching the most effective. In the preparatory work great stress should be laid on oral and auricular training; the pupil should receive constant drill in pronunciation, dictation, and the free reproduction of phrases read aloud by the teacher. Teachers in preparatory schools should follow the method of oral and aural drill recommended by the Association of Modern Language Teachers of the Middle States and Maryland. The examination will include a suitable test in pronunciation and ability to understand the spoken language. Schools certifying a candidate for admission must state whether he has received this training.

French

(A) Elementary French. The work of the first year should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of adjectives, participles, and pronouns, the use of personal pronouns, adverbs, prepositions, and conjunctions, the order of words in a sentence, and the elementary rules of syntax, with constant drill upon exercises illustrating these principles; (3) the reading of at least 100 pages of graduated texts, with constant practice in translating into French easy variations of the sentences read, and in reproducing from memory sentences previously read; (4) simple conversation and writing of French from dictation. The work of the second year

should comprise: (1) the reading of at least 250 pages of easy modern prose in the form of stories, plays, or historical and biographical sketches; (2) constant practice, as in the first year, in translating into French variations on the texts read; (3) frequent abstracts, oral and written, of portions of the texts already read; (4) writing French from dictation; (5) continued drill in the rudiments of grammar and in the writing of sentences illustrative of grammatical principles; (6) conversation, and the answering in French by the student of questions based on the text read. Suitable texts for the second year are About's *Le Roi des Montagnes,* Daudet's easier short tales, Erckmann-Chatrian's stories, Malot's *Sans Famille,* Sarcey's *Le Siège de Paris,* Labiche's *La Poudre aux Yeux, Le Voyage de M. Perrichon, La Cagnotte,* extracts from Michelet, Verne's stories. *Two units.*

(B) Advanced French. A systematic course of five periods a week, extending over a third school year, in addition to the elementary course, should comprise: (1) at least 400 pages of French of ordinary difficulty, a portion to be in dramatic form; (2) constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; (3) the study of a grammar of moderate completeness; (4) writing from dictation; (5) continuation of the drill in oral and auricular training. At the end of this course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a thorough knowledge of syntax and morphology. Suitable texts are: About's stories, Augier's plays, Béranger's poems, Corneille's *Le Cid* and *Horace,* Labiche's plays, Loti's *Pêcheur d'Islande* and *Ramuntcho,* Molière's *L'Avare, Le Bourgeois Gentilhomme* and *Le Médecin malgré Lui,* Racine's *Athalie, Andromaque* and *Esther,* George Sand's *La Mare au Diable* and *François le Champi,* Scribe's plays, Thier's *L'Expédition de Bonaparte en Egypte,* Voltaire's historical writings. *One unit.*

German

(A) Elementary German. The work of the first year should comprise: (1) Careful drill upon pronunciation; (2) drill upon the rudiments of grammar with simple conversational exercises and easy reading material as a basis; the inflexion of the articles, common nouns and adjectives, pronouns, weak verbs, and the more usual strong verbs; the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order; (3)

the reading of from 75 to 100 pages of graduated texts from a reader; (4) abundant easy oral and written exercises designed to fix the forms and principles of grammar and to cultivate readiness in the use of the natural forms of expression. Suitable books for the first year: a lesson-book of the type of Gohdes and Dodge's *Leitfaden der deutschen Sprache;* a reader like Guerber's *Märchen und Erzählungen,* Foster's *Geschichten und Märchen,* or Kern's *German Stories Retold.* The work of the second year should comprise: (1) the reading of about 200 pages of easy narrative or drama with abundant oral and written reproduction of the content; (2) constant drill on pronunciation; (3) continued drill upon the rudiments of grammar, including relative and interrogative pronouns, reflexive verbs, compound verbs, the use of *haben* and *sein* as auxiliaries, the modal auxiliaries, the subjunctive, the conditional, the passive. The use of a set of graded sentences for translation, Truscott and Smith's *Elementary German Composition,* or a similar book, is recommended at this stage. Suitable reading texts are: Stern's *Aus deutschen Dörfern,* Storm's *Immensee,* Benedix's *Lustspiele,* von Hillern's *Höher als die Kirche,* Eichendorff's *Aus dem Leben eines Taugenichts,* Wildenbruch's *Das edle Blut. Two units.*

(B) ADVANCED GERMAN. In addition to the elementary course, the work should comprise: (1) the reading of from 400 to 500 pages of standard prose and poetry; (2) the continuation of oral and written reproduction of texts read, drill on pronunciation, grammar, and composition. In composition the emphasis should be upon speed and accuracy rather than upon the translation of difficult and unusual forms of expression. Suitable composition books are: Chiles' *German Composition,* Whitney and Stroebe's *Easy German Composition,* and similar books. Reading texts should be chosen for their literary and cultural value; the best books are not usually the most difficult. Suitable texts are: Storm's *Schimmelreiter* and *Pole Poppenspäler,* Sudermann's *Frau Sorge,* Frenssen's *Jörn Uhl,* Hauff's *Lichtenstein,* Riehl's *Der Fluch der Schönheit,* Keller's *Romeo und Julia auf dem Dorfe, Das Fähnlein der sieben Aufrechten,* Heine's *Die Harzreise,* Schiller's *Wilhelm Tell* and *Die Jungfrau von Orleans,* Goethe's *Hermann und Dorothea* and *Götz von Berlichingen,* Lessing's *Minna von Barnhelm. One Unit.*

SPANISH

(A) ELEMENTARY SPANISH. The two years' work should comprise the following: careful drill in pronunciation; a complete study of some good grammar; mastery of all but the rare irregular verbs; the inflec-

tion of nouns, adjectives, and pronouns; the elements of syntax; the reading of at least 300 pages of modern Spanish; exercises containing illustrations of the principles of grammar, and practice in translating into Spanish variations of texts read; writing Spanish from dictation. Suitable texts are: Valera, *El pájaro verde;* Pérez Escrich, *Fortuna;* Alarcón, *El Capitán Veneno;* Jorge Isaacs, *María;* Frontaura, *Las tiendas;* Quintana, *Vasco Núñez de Balboa;* a reader. *Two units.*

(B) Advanced Spanish. The work of a third year should comprise the reading of 300 to 400 pages of Spanish of ordinary difficulty; constant practice in giving Spanish paraphrases, abstracts, or reproductions from memory of portions of the matter read; the discussion in Spanish of the main facts of Spanish and Spanish-American history; the study of grammar; the use of a composition book; writing from dictation. Suitable texts are: Taboada, *Cuentos alegres;* Isla's version of *Gil Blas;* Selgas, *La mariposa blanca;* Pérez Galdós, *Doña Perfecta;* Palacio Valdés, *La Hermana San Sulpicio;* plays of the Álvarez Quintero brothers, and of Benavente; a collection of essays dealing with Spanish or Spanish-American life and customs. *One unit.*

Biology

The requirement of one unit may be satisfied by presenting any one of the following subjects:

(A) General Biology. The activities of living things should be the central idea. The work should include a study of the functions of representative plants and animals, and their relation to each other and to their environment. These studies should be bound together by a knowledge of the common laws of living organisms. *One unit.*

(B) Botany. A study of examples of the great groups of plants should include the general laws of plant physiology, the fundamental facts of plant structure, and the relation of plants to animals and to man. *One unit.*

(C) Zoology. Representative common animals should be studied in field and laboratory that a knowledge of their habits and structure and of their structural and economic relation to man may be obtained. The relationship of plants to animals should also be considered. *One unit.*

As an essential part of any of these methods of meeting the requirement, a certified note-book with drawings and description of work done should be presented with the certificate, or at the time of examination. A more detailed account of the requirement may be found in the

Syllabus of the New York State Education Department or in the publications of the College Entrance Examination Board.

Chemistry

The requirement is substantially that specified in the Syllabus of the New York State Education Department. Not less than one-half of the course should be individual laboratory work devoted to the preparation and study of the common elements and compounds and to experiments illustrating important laws. The course should also include lecture-table demonstrations and the study of some good elementary text-book, with recitations covering the fundamental laws and theories of chemical combination, and the preparation, properties, and uses of the more important metallic and non-metallic elements, and their compounds. *One unit.*

Physics

A detailed statement of the requirements may be found in the Syllabus of the New York State Education Department or in the publications of the College Entrance Examination Board. Preparation should include a knowledge of the general laws and principles of physics as presented in a text-book, together with at least thirty experiments selected from a list similar to that given in the Syllabus. The candidate taking the examination here should present his note-book, with certification by his instructor that the experiments were satisfactory to him and were performed by the student himself. One who does not offer a note-book may meet the requirement by showing ability to solve more difficult problems in theoretical physics. *One unit.*

Admission to Advanced Standing

An undergraduate who comes from an approved institution of collegiate rank and presents an official statement of honorable dismissal and of his previous work may receive credit for such work without examination. This statement must include a full list of his accepted preparatory subjects, and a list of his college courses with his record therein. Such admission by transfer is ordinarily granted only when the applicant has maintained a standing in the upper half of his class.

To compete for honors or prizes based in any way upon collegiate work done previous to entrance here, an undergraduate may be required to pass examinations covering such work.

Registration

A special registration, not later than August 1, is required of all undergraduates who are returning to College in September. A fee of $25 attends this registration, which will be credited on the first semester's College bill.

All undergraduates are required to register on the Tuesday or Wednesday before the opening of the first semester. For this purpose the Committee on Schedule and Studies will be in session at hours to be bulletined. At this time all freshmen make their election of courses for the year, according to the regulations on pages 30 and 31.

All new students meet the Dean in the Chapel at 5 o'clock on the last day of registration.

Entrance Prizes and Scholarships

Prizes and prize scholarships are awarded upon the basis of the September examinations as follows:

(1) The Maynard Prize of $100.

(2) The Brockway Prize of $25.

(3) The five Fayerweather Prize Scholarships, yielding $100 each for freshman year.

A detailed statement regarding these competitions is to be found on pages 59 and 65.

There is a limited number of non-competitive scholarships which are available for freshmen. A statement of the conditions under which these scholarships are awarded is to be found on pages 56-57 under the heading "Scholarships."

CURRICULUM AND GRADUATION

The curriculum provides courses leading at graduation to two degrees, Bachelor of Arts (A.B.) and Bachelor of Science (B.S.). At admission the undergraduate may register for either degree as he chooses. The curriculum in either case calls for four years of work, but it is possible for students of high standing to shorten the time of residence by taking extra courses.

The following statements apply to candidates for both degrees except where otherwise indicated:

1. The requirement for graduation demands the completion of 138 semester hours of required and of properly chosen elective courses. (For undergraduates who complete the requisite elective courses in less than four years, certain required hours are omitted; see page 32). A semester hour represents one hour of classroom work (or two hours of laboratory work) per week through half of the college year. Normally an undergraduate takes in each semester in freshman year 16 semester hours, in sophomore year 18, in junior year 18, and in senior year 17. No undergraduate is allowed to take more than 21 or less than 14 hours in any semester without special permission of the Faculty; but any deviation from the normal number is subject to the approval of the Committee on Schedule and Studies.

2. To meet the requirements for graduation, an undergraduate must so arrange his program as to concentrate in two departments of study. These two subjects constitute his majors. A major consists of at least three year-courses in one of the following departments: Greek, Latin, German, Romance Languages, English Language and Literature, Philosophy, Ethics and Christian Evidences, History, Political Science, Economics, Music Appreciation, Mathematics, Biology, Chemistry, Physics, Geology. A major must be begun not later than junior year and continued, if the

curriculum permits, to graduation. If the major is begun in freshman year, four instead of three year-courses are required if the department concerned offers a sufficient number of courses. The courses chosen for the major under the general rules stated must be approved in each particular case by the Committee on Schedule and Studies.

3. At least six semester hours in one of the natural sciences and at least twelve semester hours in either French or German must be taken in college.

4. Candidates for the A.B. degree must take one ancient and one modern language in freshman year.

5. Candidates for the B.S. degree must take two modern languages in freshman year and complete two majors in Group C (see Elective Courses, p. 32).

6. An undergraduate who, after completing courses leading toward one of the degrees, desires to become a candidate for the other degree, may do so with the approval of the Committee on Schedule and Studies. Any hitherto unsatisfied requirement for the degree sought must be met before the change becomes effective.

7. All courses are arranged as year-courses and are to be taken accordingly. In the notation used, an odd numeral refers to the first semester portion of the course and an even numeral to the second semester portion.

8. An undergraduate who desires to receive credit for work in a summer school must apply to the Faculty in advance for approval of his plans.

Descriptions of the courses are to be found under the heading "Departments of Instruction."

Courses of Freshman Year

Required of all Freshmen

Mathematics 1-2 ..... 3 hours

English Composition 1-2
Public Speaking 1, 3-4 } ..... 4 hours

A foreign language.....3 hours
A second foreign language.....3 hours
An elective.....3 hours
Hygiene and Physical Training
Total .....16 hours

Foreign Language Courses open to Freshmen

Greek 5-6 (prerequisite, 3 units of entrance Greek).
Greek 3-4 (prerequisite, 2 units of entrance Greek).
Greek 1-2 (beginners' course).
Latin 1-2 (prerequisite, 3 or 4 units of entrance Latin. No Latin course is open to students who present only 2 units of that language for entrance; but such undergraduates may qualify for the degree of Bachelor of Arts by taking in college Greek 1-2 and Greek 3-4 instead of Latin).
German 3-4 (prerequisite, 2 or 3 units of entrance German).
German 1-2 (beginners' course).
French 3-4 (prerequisite, 2 or 3 units of entrance French).
French 1-2 (beginners' course).
Spanish 3-4 (prerequisite, 2 or 3 units of entrance Spanish).

Elective Courses open to Freshmen

A third foreign language
Art 5-6, Choral Music
History 1-2
Biology 1-2
Chemistry 1-2

For their foreign language courses in the freshman year, candidates for the degree of Bachelor of Arts take a modern language and either Greek or Latin; candidates for the degree of Bachelor of Science take two modern languages; and in either case a third foreign language may be taken as an elective if the candidate desires.

An undergraduate who takes the beginners' course in Greek, German, or French in freshman year must take the second course in that language in sophomore year.

An undergraduate who offers four and one-half units of mathematics at admission must take Mathematics 3-4 instead of Mathematics 1-2 in freshman year.

Courses of Sophomore, Junior, and Senior Years

Required Courses

In sophomore and junior years six semester hours and in senior year four semester hours of work in the Department of Rhetoric and Oratory are required of all undergraduates. But those who otherwise qualify for graduation in less than four years are excused from that part of this work which extends beyond their period of residence.

Elective Courses

Except for the required work as above described, all courses of sophomore, junior, and senior years are elective. The choice of courses is made under a group system, the departments of study being arranged in three groups, as follows:

Group A. Foreign Languages.

Group B. Rhetoric and Oratory, English Literature, Philosophy, History, Political Science, Economics, Ethics, Art, Music Appreciation.

Group C. Mathematics, Natural Sciences.

Regulations Governing Electives

1. All courses are continuous through the year and must be elected accordingly.

2. Three exercises a week are assigned to all courses.

3. Courses for the next year are chosen at the end of freshman, sophomore and junior years respectively.

4. A foreign language begun in freshman year must be continued through sophomore year.

5. In sophomore and in junior year an undergraduate must take at least one course from each group, and in senior year at least one course from each of two groups.

6. The elective courses must be so chosen as to comply with the requirements in paragraphs 1 to 5 on pages 29 and 30.

7. After freshman year an undergraduate may take any elective course offered to his own or to a lower class if he has satisfied its prerequisites.

8. The choice of studies for the year must be made not later than the fourth Wednesday in May. This choice may not be changed except by permission of the Committee on Schedule and Studies. Changes are not permitted after the first week of the semester. All elective cards must conform to the regulations as given above, and all courses must be numbered and indicated as in the Summary of Elective Courses.

Summary of Elective Courses by Groups

Sophomore Year

Group A

Greek 5-6: Plato, Theocritus.
Greek 3-4: Homer.
Latin 3-4: Tacitus and Pliny, Catullus and Cicero.
German 3-4: Intermediate German.
German 5-6: German Drama.
French 3-4: Intermediate French, Modern Comedy.
French 5-6: French Drama.

Group B

English Literature 1-2: General Introduction.
Philosophy 1-2: Psychology, Logic.
History 1-2: Medieval and Modern Europe.
History 3-4: England and the British Empire.
History 7-8: North America.
Political Science 1-2: American Government.
Art 5-6: Choral Music.

Group C

Mathematics 3-4: Analytic Geometry, Calculus.
Biology 3-4: Zoology.
Biology 5-6: Anatomy, Embryology.
Chemistry 5-6: Organic Chemistry.
Physics 1-2: General Physics.
Geology 1-2: General Geology.

Junior Year

Group A

Greek 5-6: Plato, Theocritus.
Greek 7-8: Greek Drama.
Latin 5-6: Drama, Satire.
German 5-6: German Drama.
German 7-8: The Age of Goethe.
French 5-6: French Drama.
French 9-10: French Poetry.
Spanish 1-2: Elementary Spanish.

Group B

English Composition 5-6: Advanced English Composition.
English Literature 5-6: The Romantic Period and Victorian Era.
English Literature 7-8: American Literature; Contemporary Literature.
English Literature 9-10: Anglo-Saxon; Middle English.
Philosophy 3-4: Plato to Spencer.
Philosophy 9-10: Methods of Education.
History 9-10: Canada; Latin America.
History 11-12: European Civilization.
Economics 1-2: Economic Institutions.
Economics 3-4: Economic Progress.
Political Science 3-4: Comparative Government.
Ethics 5-6: History of Religions.
Ethics 7-8: Science and Religion.
Art 3-4: Appreciation of Art.
Art 5-6: Choral Music.
Music Appreciation 1-2: Introduction to Music.
Music Appreciation 5-6: Harmony.

Group C

Mathematics 5-6: Calculus, Analytic Geometry.
Mathematics 7-8: Differential Equations, Projective Geometry.
Biology 5-6: Anatomy, Embryology.
Chemistry 5-6: Organic Chemistry.
Chemistry 7-8: Physical Chemistry.
Physics 5-6: Electricity and Magnetism.
Geology 3-4: Mineralogy.
Geology 7-8: Physiography and Economic Geography.

Senior Year

Group A

Greek 7-8: Greek Drama.
Greek 11-12: Advanced Greek.
Latin 7-8: History of Latin Literature.
German 7-8: The Age of Goethe.
German 9-10: German Civilization.
French 9-10: French Poetry.
French 11-12: Romance Philology, Medieval Literature.
Spanish 3-4: Advanced Grammar and Modern Prose.
Italian 1-2: Elementary Italian, Dante.
Hebrew 1-2: Grammar, Historical Prose.

Group B

English Composition 7-8: Advanced English Composition.
English Literature 9-10: Anglo-Saxon, Middle English.
English Literature 11-12: Shakespeare and Elizabethan Drama.
Philosophy 5-6: Current Problems, Philosophical Classics.
Philosophy 9-10: Methods of Education.
Economics 5-6: Economic Problems.
History 9-10: Canada; Latin America.
History 11-12: European Civilization.
Political Science 5-6: International Relations.
Political Science 7-8: Political Theory; Diplomatic Problems.
Ethics 5-6: History of Religions.
Ethics 7-8: Science and Religion.
Art 1-2: Ancient Art.
Art 3-4: Appreciation of Art.
Art 5-6: Choral Music.
Music Appreciation 3-4: Polyphonic Music.
Music Appreciation 7-8: Counterpoint and Fugue.

Group C

Mathematics 7-8: Differential Equations, Projective Geometry.
Mathematics 9-10: Higher Plane Curves.
Biology 7-8: Bacteriology, Physiology.
Chemistry 7-8: Physical Chemistry.
Physics 7-8: Experimental Physics.
Geology 5-6: Paleontology; Structural Geology.
Geology 9-10: Petrography and Petrology.

DEPARTMENTS OF INSTRUCTION

All courses are continuous through the year and are assigned three hours a week, except as otherwise stated. An odd number refers to the first semester portion of a course; an even number, to the second semester portion.

Group A

GREEK

PROFESSOR FITCH, PROFESSOR DURHAM, AND ASSOCIATE PROFESSOR DAY

1-2. ELEMENTARY GREEK. Allen's *First Year of Greek.* Exercises in writing Greek continue throughout the year. *Open to freshmen who enter without Greek.* PROFESSOR DURHAM AND ASSOCIATE PROFESSOR DAY.

3-4. HOMER. First semester: selections from the *Iliad;* Homeric forms, constructions, and prosody. Second semester: selections from the *Odyssey,* with particular attention to the structure of the poem, to Homeric antiquities, and to the historical aspects of the language. *Prerequisite, 1-2, or two units of entrance Greek.* PROFESSOR FITCH.

5-6. PLATO. THEOCRITUS. First semester: the *Apology, Crito,* and portions of the *Phaedo.* A study of the character of Socrates as portrayed by Plato and of the more general aspects of his significance as a thinker. Second semester: lyric poetry; the *Idylls* of Theocritus, illustrated by parallel passages from the other Alexandrian poets. *Prerequisite, 3-4, or three units of entrance Greek.* PROFESSOR FITCH.

7-8. GREEK DRAMA. Careful interpretation of a tragedy of Aeschylus, Sophocles or Euripides, followed by rapid reading of other tragedies. Aristophanes is studied in similar manner. The year's work includes a survey of Greek poetry from Homer to the drama. *Prerequisite, 5-6. Alternates with 9-10.* PROFESSOR DURHAM.

9-10. PROSE WRITERS. Thucydides, Books 2 and 3. The sources of Greek history. Demosthenes' *De corona.* Plutarch's *Life of Demosthenes.* The *New Testament* in Greek; selections from *The Acts. Prerequisite, 5-6. Alternates with 7-8.* (Not offered in 1928-29.)

11-12. ADVANCED GREEK. Choral lyric poetry, Greek religion, the mythological tradition; or, at the option of the instructor, Plato's *Phaedo* and *Republic. Prerequisite, 7-8 and 9-10.* PROFESSOR DURHAM.

GREEK PROSE COMPOSITION. Upon application to Professor Durham, an optional course in Greek prose composition, without college credit, is given to students desiring practice in writing Greek. *One hour a week for the year.*

In connection with 3-4, illustrated lectures are given on the Cretan-Mycenean civilization. For other work on Greek art, see Art 1-2.

Latin

Professor Chase, Professor Durham, and Associate Professor Day.

1-2. Cicero and Horace. The *De Amicitia* and *De Senectute* of Cicero, with a review of Latin grammar and prose composition. A purely literary study of the *Odes* and *Epodes* of Horace. *Open to freshmen who enter with more than two units of Latin.*

Professors Chase, Durham, and Associate Professor Day.

3-4. Tacitus, Pliny, Catullus, and Cicero. First semester: the *Agricola* of Tacitus and selected letters of Pliny, with a study of the literature and society of the Silver Age. Second semester: the poetry of Catullus and selected letters of Cicero, with a study of the political and social history of the period. *Prerequisite, 1-2.*

Professor Chase and Associate Professor Day.

5-6. Roman Drama and Satire. First semester: one tragedy of Seneca; Plautus and Terence. Emphasis is placed on Roman comedy; several plays are read. Second semester: after a brief introduction to early satire, attention is devoted mainly to Horace and Juvenal. *Prerequisite, 3-4.* Professors Chase and Durham.

7-8. History of Latin Literature. This course consists primarily of extended readings from Latin authors; with lectures, and the reading of modern authorities. In the second semester, certain problems connected with the language as well as the literature are considered. *Prerequisite, 5-6.* Professor Chase.

Latin Prose Composition. Upon application to Professor Durham, an optional course in prose composition, without college credit, is given to students desiring practice in writing Latin. *One hour a week for the year.*

German

Professor Hauch and Mr. Haist.

Courses 1 to 4 are planned to give not only a sound preparation for speaking German, but particularly a fluent reading knowledge, which is useful in junior and senior courses and required in the best graduate and professional schools. To insure this proficiency, a student entering without German should begin it in freshman year, as there is no assurance of a convenient opportunity to elect it later. Courses 5 to 10 aim

to give an intimate acquaintance with the language, literature, and civilization of Germany.

1-2. ELEMENTARY GERMAN. Thorough grounding in pronunciation, grammatical forms, and syntax. From the beginning stress is laid on speaking and writing. PROFESSOR HAUCH AND MR. HAIST.

3-4. INTERMEDIATE GERMAN. Review of the grammar and syntax; rapid reading of modern short stories, novels, plays, and historical prose. *Prerequisite, 1-2, or 2 or 3 units of entrance German. Required of sophomores who have taken 1-2 as freshmen.* PROFESSOR HAUCH AND MR. HAIST.

5-6. GERMAN DRAMA. Lessing, Goethe, Schiller, drama of the nineteenth century. *Prerequisite, 3-4.* PROFESSOR HAUCH AND MR. HAIST.

7-8. THE AGE OF GOETHE. Historical survey of the major political, intellectual, and social forces of eighteenth century Germany; lectures, discussions, and essays; required readings from the literature of the period reflecting these forces. The life and works of Goethe. *Faust I* and *II;* critical study and interpretation of the text. *Open to seniors and juniors who have completed 3-4.* PROFESSOR HAUCH.

9-10. GERMAN CIVILIZATION. Survey of the history of the German language, the German people, and German literature in connection with its political, social, and philosophical background; required readings from the sources; lectures, discussions, and essays. *Open to seniors and juniors who have completed 3-4.* PROFESSOR HAUCH.

ROMANCE LANGUAGES

French

PROFESSOR SHEPARD, ASSOCIATE PROFESSOR SUPER, ASSOCIATE PROFESSOR WISEWELL, AND MR. CRIST.

Courses 1 to 4 are given mainly by the oral method, and are intended to provide a preparation for spoken French, as well as a reading knowledge of the language. Students, especially freshmen, should bear in mind that a knowledge of French is now demanded for work in professional and graduate schools and that there is no certainty of a convenient opportunity to acquire it later. Ordinarily, at least two years of French should be taken in college, nor will any student be allowed to elect course 1-2 only, without permission from the department head. Courses 5-12 are designed to introduce the student to a more exact and thorough knowledge of the French language, literature, and thought.

1-2. ELEMENTARY FRENCH. Grammar, including careful drill in pronunciation, easy reading, composition, conversation, dictation. The oral method is used extensively and as early as possible. MR. CRIST.

3-4. INTERMEDIATE FRENCH. MODERN COMEDY. First semester: reading of modern prose fiction, short stories, etc. Advanced composition. Continued practice in dictation and conversation, based on the texts read. Second semester: rapid reading of selected plays; writing of abstracts, and conversation based on texts read. Special attention to pronunciation and to reading without translating. *Prerequisite, 1-2, or 2 or 3 units of entrance French. Required of sophomores who have taken 1-2 as freshmen.* ASSOCIATE PROFESSORS SUPER AND WISEWELL AND MR. CRIST.

5-6. THE FRENCH DRAMA. A year's study of the development and history of the theatre in France, from Corneille to the present day. The first semester is devoted to tragedy, the second to comedy. Reading in class of selected plays from all the important dramatists, many others being assigned for outside reading and report in French. Lectures in French on the history of the drama. *Prerequisite, 3-4.*

PROFESSOR SHEPARD AND ASSOCIATE PROFESSOR WISEWELL.

7-8. FRENCH PROSE FICTION. A year's study of the development of the novel in France, from d'Urfé to the present day. Selected novels are assigned to all members of the course for report and criticism, these papers being read and discussed in the class-room. This course is conducted wholly in French. *Prerequisite, 5-6. Alternates with 9-10.* (Not offered in 1928-29.) PROFESSOR SHEPARD.

9-10. FRENCH POETRY. A year's study of the history of French lyric and narrative verse, from Villon to the present. Extensive readings from the chief poets, with critical studies and reports. Principles of French prosody. This course is conducted wholly in French. *Prerequisite, 5-6. Alternates with 7-8.* PROFESSOR SHEPARD.

11-12. ROMANCE PHILOLOGY AND MEDIEVAL LITERATURE. Introduction to the comparative and historical grammar of the Romance languages, with special attention to Old French and Provençal. Reading of selected texts, with study of the lyric and narrative poetry of the Middle Ages. In the case of exceptionally well prepared students, who are planning to take post-graduate work, a further course in paleography and textual criticism will be given. *Prerequisites, French 5-6, Latin 1-2.*

PROFESSOR SHEPARD.

Spanish

ASSOCIATE PROFESSOR SUPER

1-2. ELEMENTARY SPANISH. Pronunciation, inflection, the laws of syntax and their application. Translation of simple prose; writing from dictation; oral and written exercises in composition. *Open to juniors.*

3-4. ADVANCED GRAMMAR AND MODERN PROSE. Continued practice in composition, dictation, and oral drill. Translation and sight reading, with constant reference to morphology and idiom in connection with the text. Representative works of such authors as Cervantes, Alarcón, Galdós, Valera, Valdés. *Prerequisite, 1-2, or 2 or 3 units of entrance Spanish.*

Italian

PROFESSOR SHEPARD

1-2. INTRODUCTION TO MODERN ITALIAN; DANTE. First semester: grammar, composition, rapid reading. The object of this course is the acquisition of a reading knowledge of modern Italian. Selected short stories are used as texts. Second semester: reading of selected *canti* of the *Divina Commedia,* with much outside reading, including a study of Dante and his times, especially his relation to earlier poetry, Provençal and Italian, and to the religious and political thought of the Middle Ages. *Senior course. Prerequisites, French 3-4, Latin 1-2.*

HEBREW

MR. IBBOTSON

1-2. THE ELEMENTS OF HEBREW. Harper's *Hebrew Method and Manual,* and *Elements of Hebrew.* Chapters from *Genesis, Ruth, Samuel,* and *Kings.* Kittel's *Biblia Hebraica. Open to seniors.*

Group B

ENGLISH COMPOSITION AND PUBLIC SPEAKING

PROFESSOR LEWIS, PROFESSOR FANCHER, PROFESSOR MARSH, MR. CHRETIEN, MR. DAYMONT, AND MR. HEYL.

Public speaking in some form is required of every student from the time he enters until he graduates. English composition is required through the first two years, and is elective the last two.

It is believed that the mastery of English cannot best be taught by

written method alone. Since the language of daily life is mainly oral, the greater part of the instruction in it is made oral rather than written.

All courses in this department, except English Composition 5-6 and 7-8, are required, and all are one-hour courses unless otherwise stated.

English Composition

1-2. FRESHMAN ENGLISH COMPOSITION. The study and application of the elementary principles of English composition. The technique of writing. Weekly themes. *One hour a week in the first semester; three hours a week in the second. English Composition 1-2 and Public Speaking 1 constitute a year-course.* PROFESSOR FANCHER AND MR. CHRETIEN.

3. SOPHOMORE ENGLISH COMPOSITION. Advanced study and practice. Themes. *First semester, two hours a week. English Composition 3 and Public Speaking 14 constitute a year-course.* MR. CHRETIEN.

5-6. JUNIOR ENGLISH COMPOSITION. Advanced study and practice for those looking forward to journalism, authorship, or English teaching. *Open to juniors who have attained a grade of credit in 3. Three hours a week.* PROFESSOR LEWIS.

7-8. SENIOR ENGLISH COMPOSITION. A course for selected seniors, who under supervision criticise freshman themes (English Composition 1-2). Each is responsible for the themes of a group of freshmen. There is a conference upon each piece of writing. The results are subject to revision by the instructor. The meetings of the class are occupied with discussions of special forms of writing, and considerable practice work in each form is done. *Three hours a week. Open to those who have attained a grade of credit in 5-6.* PROFESSOR FANCHER.

Public Speaking

1. ELEMENTS OF PUBLIC SPEAKING. The production and control of the voice, vowel and consonant sounds, the correction of vocal faults. The voice in speech: articulation, pronunciation, force, rate, pitch, timbre, emphasis, inflections, delivery, phrasing. Personality in speaking: physical interpretation, gesture, action. Short speeches (125-200 words) every two weeks. *Two hours, first semester. Public Speaking 1 and English Composition 1-2 constitute a year-course.*

PROFESSOR MARSH AND MR. DAYMONT.

3-4. FRESHMAN DECLAMATION. Each freshman appears three times during the year with a prose declamation 350-400 words in length. Three drills are required for each appearance.

PROFESSOR MARSH, MR. DAYMONT AND MR. HEYL.

5-6. SOPHOMORE DECLAMATION. Each sophomore appears once each semester with a prose declamation 350-400 words in length. Two drills are required for each appearance. The second declamation may be original. MR. DAYMONT.

7-8. JUNIOR DECLAMATION. (A) Each junior appears once each semester with a speech about 400 words in length. One drill is required for each appearance. The second speech may be a poem selected from some standard author. PROFESSOR MARSH.

(B) For a limited number of approved men an alternate course in dramatic action is offered. The aim of this course is the dramatic presentation of masterpieces of the drama for the purpose of developing physical expression on the platform. *Open to juniors approved by the head of the department and the instructor in the course. Fee, $5.00.*

PROFESSOR FANCHER.

9-10. JUNIOR DISCUSSIONS. Original argumentative orations, 700-900 words in length, on approved propositions, affirmative and negative. Each junior appears once a semester. No drills required.

PROFESSOR MARSH.

11-12. SENIOR ORATIONS. Each senior appears once each semester with an original oration on an approved subject, 900-1100 words in length. No drills required. PROFESSOR LEWIS.

14. SOPHOMORE DEBATE. Classroom study of the theory of argumentation and debate, including the analysis of propositions, methods of proof and rebuttal, briefing, and platform practice. Classroom debates. *Second semester, two hours a week.* PROFESSOR MARSH AND MR. DAYMONT.

15-16. JUNIOR DEBATE. Advanced classroom debates.

PROFESSOR LEWIS AND PROFESSOR MARSH.

17-18. SENIOR DEBATE. Advanced classroom debates.

PROFESSOR LEWIS.

ENGLISH LITERATURE

PROFESSOR RISTINE, PROFESSOR RUDD, AND MR. CHRETIEN.

1-2. GENERAL INTRODUCTION TO ENGLISH LITERATURE. A rapid survey of English literary history from the beginnings, accompanied by classroom study of the greater English poets, especially Spenser, Shakespeare, Milton, Burns, Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning. Lectures and recitations. *Open to sophomores and juniors.*

PROFESSORS RUDD AND RISTINE, AND MR. CHRETIEN.

3-4. THE SEVENTEENTH AND EIGHTEENTH CENTURIES. First semester: the later Elizabethan drama; the seventeenth century lyric and essay; the poetry and prose of Milton; the work of Dryden and other Restoration writers. Second semester: a study of selected masterpieces from the Augustan writers, with wide outside reading in the literature of the century. Special attention to the development of modern prose style, the rise of the periodical essay and the pamphlet, and the beginnings of the novel. *Prerequisite, 1-2.* (Not offered in 1928-29.) PROFESSOR RUDD.

5-6. THE ROMANTIC PERIOD AND VICTORIAN ERA. First semester: the poets and prose writers concerned in the revival of imaginative literature between 1798 and 1832, particularly Wordsworth, Coleridge, Scott, Lamb, Hazlitt, and DeQuincey. Second semester: a study of as many of the Victorian writers as time permits—Macaulay, Carlyle, Huxley, Arnold, Tennyson, the Brownings, Newman, Ruskin, Stevenson—with a course of outside readings in the nineteenth century novel. *Prerequisite, 1-2.* PROFESSOR RISTINE OR PROFESSOR RUDD.

7-8. AMERICAN LITERATURE; CONTEMPORARY LITERATURE. First semester: the chief American poets and prose writers of the nineteenth century, emphasizing their relation to contemporary English literature and their expression of our national traits and ideals. Second semester: a study of the writers, chiefly British, who have contributed most to the advance of poetry, drama, and the novel, since about 1890. *Prerequisite, 1-2.* PROFESSORS RISTINE AND RUDD.

9-10. ANGLO-SAXON; MIDDLE ENGLISH. First semester: an introduction to the language and literature of England before the Norman Conquest. An Anglo-Saxon reader is the basis of study, accompanied by lectures on the history, structure, and vocabulary of the English language. Second semester: Chaucer, his century, and his contemporaries. *The Canterbury Tales* are read, parts of the *Troilus and Criseyde* and the minor poems, and selected texts illustrating the various Middle English dialects and literary types. *Open to juniors and seniors.* PROFESSOR RISTINE.

11-12. SHAKESPEARE AND THE ELIZABETHAN DRAMA. Shakespeare is the center of study for the year. All the plays are read, with critical study of certain dramas representative of the different stages in the development of his art. Lectures on the history of the drama from the beginnings to 1642; collateral reading in the minor Elizabethan playwrights. Library topical work and practice in handling original sources. Term theses required. *Open to seniors who have completed with credit at least one year course in this department.* PROFESSOR RISTINE.

Philosophy

Professor Squires

1-2. Psychology; Logic. First semester: a general introduction to the study of philosophy and pedagogy. The elements of descriptive, physiological, and genetic psychology. Text-books, lectures, and reports on assigned readings. Second semester: deductive and inductive logic, with rules of evidence as formulated by such writers as Greenleaf and Stephen. *Sophomore course.*

3-4. Plato to Spencer. The problems of philosophy from Plato to Spencer, with emphasis on metaphysics and aesthetics, and the relation of philosophy to current belief. Lectures, papers, and readings from sources. *Prerequisite, 1-2.*

5-6. Current Problems in Philosophy; Philosophical Classics. Studies in pragmatism, idealism, realism; in social, abnormal, and experimental psychology; and in advanced logical theory. The reading of Kant's *Critique of Pure Reason,* Locke's *Essay Concerning Human Understanding,* Schopenhauer's *The World as Will and Idea;* or American philosophical writers. *Prerequisite, 3-4.*

7-8. Pedagogy. The history, science, principles, and theory of education. The practical problems of education, including methods, teaching, and the reading of educational classics. *Prerequisite, 1-2. Alternates with 9-10.* (Not offered in 1928-29.)

9-10. Methods of Education. *Prerequisite, 1-2. Alternates with 7-8.*

Teacher's Certificate. Under the rules of the New York State Education Department, a "Professional Certificate," valid for three years, is granted to a graduate of an approved college. At the end of three years' successful experience in teaching, a "College Graduate Certificate" will be issued, valid for life. This exempts from further examination, except in certain cities. A student who desires this certificate must complete the course in pedagogy approved by the Education Department.

Ethics and Christian Evidences

Professor Howson

1-2. Introduction to the Bible. The application of the historical method to the study of the Bible. First semester: the Old Testament; second semester: the New Testament. *Open to juniors and seniors.*

3-4. Ethics. First semester: personal ethics. Second semester: social ethics. *Open to juniors and seniors.*

5-6. History of Religions. The major religions of the world and their contributions to human life. *Open to juniors and seniors.*

7-8. Science and Religion. The conflict of science with historic Christianity, and the contemporary syntheses with their implications for religious practice. *Open to juniors and seniors.*

History

Professor Bonham and Associate Professor Graves.

In every course in this department a text-book forms the basis of the student's work. This is supplemented by occasional lectures, note-books, problems, reports, quizzes, and map-drawing. A considerable amount of library work is required of every student, as a means of introducing him to the literature of the subject, source and secondary. History 1-2 is a prerequisite for all other history courses. Undergraduates are advised to take it in freshman year, both as a preparation for other history courses and as a background for the social sciences and literature.

1-2. Medieval and Modern Europe. A general survey in which the leading features of medieval civilization are studied, with the evolution therefrom of modern nations and their institutions. *Open to freshmen and sophomores.* Professor Bonham and Associate Professor Graves.

3-4. England and the British Empire. A rather detailed study of the rise and development of English institutions, and their spread to other parts of the world. Such items as language, law, parliamentary government, colonization, etc., are stressed. *Open to sophomores and juniors. Prerequisite, 1-2.* Associate Professor Graves.

5-6. Europe Since 1600. First semester; social, cultural and political history from 1600 to 1815. Second semester; social, cultural and political history from 1815 to the present. *Open to juniors and seniors. Prerequisite, 1-2. Alternates with 11-12.* (Not offered in 1928-29.)

Associate Professor Graves.

7-8. The Colonization of North America; Development of the United States. The European background; the establishment of European institutions in America; the struggles for independence; the establishment of the Federal government; the evolution of the American nation. *Open to sophomores and juniors. Prerequisite, 1-2.*

Professor Bonham.

9-10. Canada; Latin America. First semester: the origin, rise, and development of the Dominion of Canada, her relations with the United

States, and her place in the British Empire. Second semester: the transfer of Spanish and Portuguese institutions to America; the wars of independence; the development of the Latin American republics; their relations to the United States and to world affairs. *Open to juniors and seniors. Prerequisite, 1-2.* PROFESSOR BONHAM.

11-12. EUROPEAN CIVILIZATION FROM THE FIFTH TO THE SEVENTEENTH CENTURY. First semester: the society and culture of the Middle Ages. Second semester: the society and culture of the period usually designated Renaissance and Reformation. *Open to juniors and seniors. Prerequisite, 1-2. Alternates with 5-6.* ASSOCIATE PROFESSOR GRAVES.

POLITICAL SCIENCE

PROFESSOR WOOD AND ASSOCIATE PROFESSOR LAVES

1-2. AMERICAN GOVERNMENT. The organization and actual working of government, national, state, and local, in the United States. Cases in constitutional interpretation. *Open to sophomores.*
ASSOCIATE PROFESSOR LAVES.

3-4. COMPARATIVE GOVERNMENT. An introduction to the problems of government: the nature of the state, sovereignty, separation of powers, representation, suffrage, individual rights, etc. The constitutions of England, France, Germany, and Switzerland. *Prerequisite, 1-2.*
PROFESSOR WOOD.

5-6. INTERNATIONAL RELATIONS. The organization and conduct of relations among states. An introduction to international law, organization, and politics. *Open to seniors.* PROFESSOR WOOD.

7-8. POLITICAL THEORY; DIPLOMATIC PROBLEMS. An advanced course, dealing in the first semester with problems of political theory; in the second semester with problems of international relations. *Open to seniors electing 5-6 who have completed 3-4 and are approved by the Department.*
ASSOCIATE PROFESSOR LAVES.

ECONOMICS

PROFESSOR PATTON

1-2. ECONOMIC INSTITUTIONS. First semester: a critical study of present financial institutions and the social service they perform in collecting capital for use in the production and exchange of goods. Second semester: the financial policy of corporations and its social regulation. *Open to juniors.*

3-4. ECONOMIC PROGRESS. First semester: a study of the growth of technical knowledge, mechanical invention, and economic organization with a view to explaining the historical increase in the productivity of labor. Second semester: a detailed consideration of the factors determining general and local productivity at the present time. *Open to juniors.*

5-6. ECONOMIC PROBLEMS. First semester: public finance and the labor problem. Second semester: the trust problem. *Open to seniors who have elected 1-2.*

ART

PROFESSOR FITCH, PROFESSOR CHASE, PROFESSOR FANCHER, AND MR. ROOT

1-2. ANCIENT ART. First semester: Greek sculpture, architecture, and vase-painting. Second semester: Roman sculpture, painting, architecture, and construction; early Christian and Byzantine art; transition to mediæval art. A text-book, supplemented by illustrative material, including charts, photographs, and lantern slides; collateral reading. *Open to seniors.* PROFESSOR FITCH AND PROFESSOR CHASE.

3-4. APPRECIATION OF ART. A consideration of the aesthetic and expressive aspects of graphic forms, followed by a brief critical and historical review of the work of the greatest masters of European painting from Giotto to Picasso. Practically all discussion is based on pictures exhibited in the class-room. *Open to seniors and juniors in two divisions of ten men each. Three hours a week for twelve weeks. Credit, two semester hours.* MR. ROOT.

5-6. CHORAL MUSIC. The singing, largely *a capella,* of church music from the works of the great composers. The selections are made from Palestrina, Bach, Byrd, Händel, Beethoven, Mendelssohn, from the liturgy of the Russian Church, from Negro spirituals, and from the best composers of the modern schools. Those taking this course constitute the Chapel Choir. *Open, with the approval of the instructor, to all undergraduates in regular standing. The basis of approval is ability to sing. Three hours a week throughout the year. Credit, 3 semester-hours.*

PROFESSOR FANCHER.

MUSIC APPRECIATION

PROFESSOR SHUTE

1-2. INTRODUCTION TO MUSIC. The homophonic forms of music and their development from primitive types and the folk song to the modern

lyric forms and the simple sonatas. The history of music, ear-training, and a detailed study of the elements of music are continued throughout the year. *Open to approved juniors and seniors.*

3-4. POLYPHONIC MUSIC. A study of polyphonic music from its beginnings, through the work of the Netherland, English, and Roman schools to Bach and Händel; its union with the homophonic forms under Mozart, Haydn, Beethoven, Brahms, and others; and the development of modern music. *Prerequisite, 1-2.*

5-6. HARMONY. A practical course in harmony, designed to give the student a thorough command of chord relationships, with particular emphasis on harmonic ear-training. Applicants for this course must understand thoroughly notation and the elements of music, and be able to play some instrument or have had at least a year's work in the college choir. *Open to juniors and seniors who elect 1-2.*

7-8. COUNTERPOINT AND FUGUE. Thorough drill in counterpoint writing for advanced students in musical composition. Course 3-4 must be taken in conjunction with this course. *Prerequisite, 5-6.*

The work of the Department of Music Appreciation is supplemented by various concerts given by well-known artists at the College, by the study of the best choral music in the College Choir, by informal fortnightly musicales given under the auspices of the Musical Art Society, and by constant illustration of the subjects under discussion in the classroom.

Group C

MATHEMATICS

PRESIDENT FERRY, PROFESSOR CARRUTH, PROFESSOR BROWN, AND ASSOCIATE PROFESSOR PATTERSON.

1-2. ALGEBRA; TRIGONOMETRY. First semester: introductory review; functions and their graphs, theory of equations, determinants, partial fractions, permutations and combinations, infinite series. Second semester: theory and use of logarithms, definitions and relations of the trigonometric functions of acute angles and of angles in general, the solution of right and oblique triangles. *Required of all freshmen except those who enter with four and one-half units of mathematics.*

PROFESSORS BROWN AND CARRUTH AND ASSOCIATE PROFESSOR PATTERSON.

3-4. ANALYTIC GEOMETRY; CALCULUS. First semester: an elementary course in plane analytic geometry. Cartesian and polar coordinates,

simple curve-tracing, study of the straight line and conic sections. Second semester: differentiation and simple integration, with applications to algebra, geometry, and mechanics. *Prerequisite, 1-2, or four and one-half units of entrance mathematics.*

PROFESSOR BROWN AND ASSOCIATE PROFESSOR PATTERSON.

5-6. CALCULUS; ANALYTIC GEOMETRY. Further study of differential and integral calculus, and analytic geometry, including analytic geometry of three dimensions. Applications. *Prerequisite, 3-4.* PROFESSOR CARRUTH.

7-8. DIFFERENTIAL EQUATIONS; PROJECTIVE GEOMETRY. First semester: the solution of the simpler types of differential equations, with applications to physics. Second semester: elementary synthetic geometry, involving ranges of the first and second order, and construction. *Prerequisite, 5-6.* PROFESSOR CARRUTH.

9-10. HIGHER PLANE CURVES. Introduction to the general theory of plane algebraic curves. Special properties of the cubic and the quartic. *Prerequisite, 7-8.* (Not offered in 1928-29.)

BIOLOGY

PROFESSOR HESS AND ASSISTANT PROFESSOR BUTCHER

1-2. GENERAL BIOLOGY. The observation of living organisms representing the great groups of plants and animals, together with the study of their structure, is used as an introduction to the phenomena of life. After the general study of both plants and animals, attention is focused on animal biology, followed in the second semester by the study of plant biology. In the laboratory and lectures emphasis is placed on the function and form of organs as dependent on each other, and on the laws of living organisms. *Prerequisite to all later courses. Laboratory fee, $20.*

3-4. ZOOLOGY. First semester: the study of invertebrate animals, comprising both the structure and the physiology of representative forms. Second semester: the biology of the fish, bird, and mammal, with attention to the most important facts of evolution and of eugenics. *Prerequisite, 1-2. Laboratory fee, $20.*

5-6. ANATOMY; EMBRYOLOGY. First semester: the structure and physiology of a mammal; the cat or rabbit as a representative vertebrate. Second semester: the study of the development of the frog and the chick, supplemented by that of an elasmobranch and a mammal, gives an opportunity to trace the growth of the organs of the body, and serves as an introduction to microscopical technique. *Prerequisite, 1-2. Laboratory fee, $20.*

7-8. ELEMENTARY BACTERIOLOGY; PHYSIOLOGY. First semester: a familiarity with the methods of bacteriology is secured by the study of non-pathogenic bacteria and by an introduction to the technique of water and milk examination. Second semester: the minute structure of the organs of vertebrates as a basis for the study of physiology. The phenomena of motion, secretion and excretion are considered. *Prerequisites, 5-6. Laboratory fee, $20.*

CHEMISTRY

PROFESSOR A. P. SAUNDERS AND ASSOCIATE PROFESSOR MCKINNEY

All courses in chemistry require two hours in the lecture-room and four hours in the laboratory each week, but are reckoned as three-hour courses. The laboratory fees are $25 a year.

1-2. ELEMENTARY COLLEGE CHEMISTRY. A thorough discussion of the fundamental laws and theories of chemistry, together with a study of the gases, the metals, and the periodic system of the elements. In the lecture room special emphasis is laid on chemical calculations, and in the laboratory a considerable number of quantitative experiments are made to illustrate the laws of combining proportions, etc. PROFESSOR SAUNDERS.

3-4. ANALYTICAL CHEMISTRY. First semester: qualitative analysis. The theory and practice involved in the systematic separation and identification of the commoner cations and anions and the analysis of unknown substances. Second semester: quantitative analysis. Classroom drill and laboratory practice in the more important typical gravimetric and volumetric methods. *Prerequisite, 1-2. Alternates with 5-6.* (Not offered in 1928-29.)

5-6. ORGANIC CHEMISTRY. An introduction to the chemistry of the compounds of carbon. The more important groups of aliphatic and aromatic compounds; lectures and recitations, with closely co-ordinated laboratory work on the preparation of typical compounds; selected special topics, such as the chemistry of nutrition and agricultural chemistry. *Prerequisite, 1-2. Alternates with 3-4.* ASSOCIATE PROFESSOR MCKINNEY.

7-8. PHYSICAL CHEMISTRY. A study of the theories and laws of chemical phenomena. Gases, liquids, solids, solutions, colloids, thermo-chemistry, equilibrium, the phase rule, reaction velocities, electrical conductance, and a brief consideration of radioactivity and atomic structure from the chemical point of view. Laboratory work illustrating the fundamental principles considered in the class-room. Lectures, recitations, and labora-

tory. *Prerequisite, 3-4, 5-6, Physics 1-2, or its equivalent, and Mathematics 3-4.* ASSOCIATE PROFESSOR MCKINNEY.

9-10. ADVANCED ORGANIC CHEMISTRY. A laboratory course continuing the work of 5-6. Emphasis is laid upon the study of the various type reactions of organic chemistry. Detailed attention is paid to the experimental conditions, yields, purity of products, and other factors necessary to the more advanced type of organic preparations. Conferences and laboratory work. *Open to seniors who desire a fifth course in chemistry. Prerequisite, 5-6.* PROFESSOR SAUNDERS.

PHYSICS

PROFESSOR S. J. SAUNDERS AND MR. CURTIS.

1-2. GENERAL PHYSICS. The general principles of mechanics, sound, heat, light, electricity, and magnetism. Lectures, recitations, and laboratory work. *Open to sophomores who have not studied physics. Laboratory fee, $5.*

3-4. MECHANICS, HEAT, SOUND, AND LIGHT. Lectures and recitations. *Open to juniors and seniors. Prerequisite, 1-2, or the equivalent in entrance physics. Alternates with 5-6.* (Not offered in 1928-29.)

5-6. ELECTRICITY AND MAGNETISM. Lectures and recitations. *Open to juniors and seniors. Prerequisite, 1-2, or the equivalent in entrance physics. Alternates with 3-4.*

7-8. EXPERIMENTAL PHYSICS. Lectures and laboratory. Quantitative work, with written reports discussing the theory of the experiments and the results obtained. *Open to seniors. Prerequisite, 1-2, or 3-4, or 5-6. Laboratory fee, $10.*

NOTE. Physics 1-2 or 7-8 with either one of the other courses will meet the requirements in physics for admission to the better medical schools.

GEOLOGY

PROFESSOR DALE AND MR. SLEIGHT

1-2. GENERAL GEOLOGY. An introductory course, including studies of the various geological agencies and processes responsible for the past and present surface features of the earth, the general composition and structure of the earth's crust, and the geological history of the earth. Lectures, recitations, laboratory, and field trips. *Open to sophomores. Laboratory fee, $5.*

3-4. MINERALOGY. A descriptive and determinative study of the important rock-forming minerals and others of particular scientific and economic importance, including an introductory course on crystal forms. Lectures and laboratory. For those majoring in geology, this course should parallel or follow 1-2 and precede 5-6. *Prerequisite, Chemistry 1-2 or its equivalent. Laboratory fee, $10.*

5-6. INVERTEBRATE PALEONTOLOGY AND STRUCTURAL GEOLOGY. First semester: the study of representative and index fossils of the invertebrate phyla approached from the zoological and paleontological viewpoints. Second semester: structural geology. Rock structures and their bearing upon stratigraphy, economic geology, the configuration and history of the earth. Lectures, recitations, laboratory, field problems. *Prerequisite, 1-2. Laboratory fee, $5.00. Alternates with 7-8.* (Not offered in 1928-29.)

7-8. PHYSIOGRAPHY AND ECONOMIC GEOGRAPHY. The description, origin, and interpretation of the earth's forms, and their influence upon man, as considered in economic, military, political, and regional geography. The elements of oceanography, meteorology, and climatology. Lectures, recitations, laboratory, and field work. *Prerequisite, 1-2. Alternates with 5-6.*

9-10. PETROGRAPHY AND PETROLOGY. A microscopic study of rock-forming minerals and rocks, followed by the history, origin, and classification of rocks. Laboratory, lectures, and field work. *Prerequisites, 1-2 and 3-4. Laboratory fee, $5.*

PHYSICAL EDUCATION

DIRECTOR PRETTYMAN, DIRECTOR GÉLAS, DIRECTOR WINTERS, AND ASSOCIATE DIRECTOR WEBER

ATHLETICS, PHYSICAL EXERCISE, AND HYGIENE. Indoor and outdoor athletics, including football, soccer, tennis, track, golf, ice-hockey, basketball, fencing, skating, skiing, baseball, calisthenics, and gymnastic work, according to the season and the weather, with special tests relative to health and exercise. Participation in the practice of a college athletic team is accepted as an equivalent. All undergraduates are required during their college course to devote at least 12 hours to golf, 12 hours to tennis, 12 hours to skating, and 6 hours to skiing. A physician's certificate of physical fitness is required of all undergraduates. *Required of all undergraduates. Three periods a week.*

HONORS AND DEGREES

Honors and Commencement Appointments

Department honors may be awarded at graduation in the following subjects or groups of subjects: Greek; Latin; German; French; Italian and Spanish; English Composition; Public Speaking; English Literature; Philosophy; Economics; Political Science; History; Mathematics; Biology; Chemistry; Geology and Mineralogy; Physics. An honor requires the attainment of an average standing of not less than 90 in the courses on which the honor is based, and a complete record of examinations in these courses. Undergraduates attaining a standing between 85 and 90 may also receive the honor, but only on a special recommendation by the head of the department, in which case extra work may be required. Usually all the work offered by a department must be taken; but no undergraduate is required to repeat in college a course accepted for admission to the freshman class, or to take more than three courses in Philosophy or four courses in Greek, German, French, History, or English Literature (including English Literature 9-10). In English Composition a candidate must take all the courses offered, and must submit an acceptable prize essay in each of the first three years and an acceptable Pruyn, Head, or Kirkland Oration in senior year. In Public Speaking a candidate must be an appointee to the Clark Prize Oration contest or to the McKinney Prize Debate.

The names of seniors who have high honor, honor, or credit grades for the senior year and for the entire course are announced at the final chapel of the year. The Valedictorian and the Salutatorian are the two members of the graduating class who have attained, respectively, the highest and the next to the highest standing for the entire course.

Commencement speakers are: the Pruyn Medal, Head Prize, and Kirkland Prize Orators; the Salutatorian, and the Valedictorian. If any one of these is not appointed, or if two appointments fall to one person, the Faculty may appoint others, not exceeding seven in all, from men of high honor grade and excellent rhetorical record.

Degrees

The only bachelor's degrees conferred by the College are Bachelor of Arts and Bachelor of Science. Information in regard to the requirements for these degrees is to be found on pages 29-30.

The master's degree may be conferred upon graduates of Hamilton, or of another college with equivalent courses, for resident study for one year. A candidate for this degree must present a program of study which forms a consistent plan of work, pursued with some definite aim, whether it lies within a single department or, preferably, in more than one department. This program must include work in at least two related subjects, in one of which the candidate must present an acceptable thesis. His program of study and the subject of his thesis must be reported to the Faculty early in the first semester. He must successfully meet the semester examinations in his subjects, and at the end of the year an oral examination before a committee of two members of the Faculty. Bachelors not in residence but otherwise fulfilling these conditions may receive the master's degree in two years upon payment of regular tuition.

Honorary degrees are conferred only upon those who, having accepted advance notification, are present in person to receive them.

Phi Beta Kappa

The Epsilon Chapter of the Phi Beta Kappa Society in the State of New York was chartered and established at Hamilton

College in 1870. Two groups of undergraduates are elected to this Society annually; one at the end of the junior year and the other after the conclusion of the last examinations of the course. The choices are regularly made on the basis of scholastic standing and the two groups together may not include more than one-fourth of the graduating class. It is expressly provided, further, that none may be elected whose scholastic average is below 85 and that not more than fifteen men in total may be chosen from any one class.

The Root Fellowship

THE ROOT FELLOWSHIP IN SCIENCE, established in 1894 by the Honorable Elihu Root, of the Class of 1864, is ordinarily granted for a single year of graduate study at some American or European university approved for that purpose in each individual instance by the Faculty. Beginning with the year 1929, its stipend is increased from $500 to $1,000, payable in October, February and May in equal installments. The payment of each installment of the stipend is conditioned on the submission to the President by the fellow of satisfactory evidence of the successful progress of his studies. In the case of the third payment, this evidence shall consist of a comprehensive written report which shall be filed in the college records. At the request of the Faculty, the fellow shall, on some suitable date between the spring recess and commencement, give a lecture or address to the College on a subject appropriate to his work of the year.

Any member of the senior class who has proved himself of a high order of scholarly attainment and has shown marked ability and special aptitude for research in one or more of the departments of science may be nominated to the Faculty for this award by the professors of those departments. From the men thus nominated, the Faculty will select by ballot by a two-thirds vote one who shall be recommended to the Trustees for appointment.

If the Faculty finds no suitable candidate in the graduating class of any year, it may recommend to the Trustees that the fellow

appointed from the preceding class be continued in the fellowship for a second year, but no longer.

Scholarships

General Regulations

The income of the various permanent endowments enumerated below is used to provide scholarships for deserving undergraduates of slender means. Such scholarships are ordinarily granted for the first, second and fourth year only. The stipend paid for the second and fourth years is $150 if the recipient maintained an average of high honor (90 to 100) through the previous year, and $120 if the average mark was of honor grade (85 to 90) for that year; in all other cases the amount which the scholarship regularly bears is $90. The stipends are increased for the classes of 1930 and later. A few of the scholarships are awarded under special rules.

No undergraduate may at one time hold more than one prize scholarship, nor while holding a prize scholarship may be awarded a general college scholarship.

Applications, which should be made to the President in writing, are considered in their order. The President must be personally assured of the fidelity and actual need of applicants. Ordinarily the benefits of these foundations are assigned to needy and meritorious students who have been orderly and diligent and who are without entrance conditions, postponed examinations of long arrears, or delinquencies in standing or attendance. If an incumbent is extravagant, or is guilty of any gross impropriety, or neglects to stand above mediocrity, the aid will be summarily withdrawn. This rule applies to all scholarships, including the prize scholarships.

Applications for scholarships for any college year should be presented during the month of March preceding.

The State of New York provides in each assembly district five competitive college scholarships, based upon standing in Regents'

examinations, and yielding $100 annually for four years. Successful competitors may enter any college within the State. A state scholarship is not duplicated by a general college scholarship, but may be supplemented by it.

Approved candidates for the Christian ministry who need aid may receive from $80 to $150 a year by placing themselves under the care of the Presbyterian Board of Education, the Congregational Educational Society, the Board of the Reformed Church, or other church authorities.

Scholarship Foundations

The amount of each foundation is $2,000, unless otherwise stated.

25 Founded by Andrew Carnegie.
1 Leavenworth (for a student of that name), $12,000.
1 S. B. Steere (for a relative or for five others), $10,000.
6 Laura Carter.
5 Julia J. McCartee, Darling Memorial, $9,525.
2 William E. Dodge, $5,000.
2 S. H. Jardin.
2 Marquand Estate.
2 A. Delos Gridley, $5,000.
1 Alexander Folsom.
1 Marcus Judson, $1,000.
1 Nichols, $748.50.
1 Roswell P. Flower.
1 Geneva Presbytery, $1,700.
1 C. C. Sheppard, $1,500.
1 William Burton, $1,500.
1 John J. Knox, $1,500.
5 Soper Scholarships (for Rome scholars), $10,000.
1 Albert Phillips.
4 Melville E. Dayton Memorial (for Utica Free Academy scholars).
2 Theodore S. Hubbard, $3,500.
2 Horace B. Silliman, $3,000.
1 Mrs. S. E. Baird, $2,500.
1 Charles D. Gilfillan, $2,500.
1 John R. Terrett Memorial, by A. P. Sloane.
1 D. Willis James.
1 Sylvester Willard Memorial.
1 Henry W. King.
1 Mrs. James L. Bradley.
1 J. B. Wells.
1 P. Charles Cole, $1,000.
1 Mrs. Charlotte B. Sackett Memorial, $10,000.
1 Charles Holland Duell, $10,000.
1 O. T. Bundy.
4 Asa G. Pettibone.
3 W. D. Walcott.
1 Henry Scott McCall, $1,000.
2 J. Platt Underwood, $5,000.
1 James P. Soper.
1 Class of 1867.
1 Harriet Emily Clark Byne, by George A. Clark, $5,000.
1 Class of 1899, $2,516.59.
1 Henry Wales, $1,467.68.
1 Edwin Baylies, $5,000.

Three other scholarship foundations are semi-proprietary or reserved for increment.

Senior Prize Scholarships

Four prize scholarships are awarded by vote of the Faculty at the close of junior year, as follows:

The Chauncey S. Truax Prize Scholarship in Greek, yielding $600 to that senior who, having entered Hamilton as a freshman with unconditioned preparation in three years of Greek, shall have stood highest in the Greek work of the first three years with an average grade of not less than 85.

The Edward Huntington Memorial Mathematical Scholarship, founded by Alexander C. Soper, LL.D., '67, yielding $250.

The Arthur W. Soper Latin Scholarship, yielding $250.

The German Scholarship, founded by the late Hon. Charles Holland Duell, LL.D., '71, yielding $250.

The awards are made in the order, first, of the values, and second, of the ages of the foundations.

Each scholarship is awarded to the senior of highest standing in the department in which it is offered, unless another of these scholarships is already assigned to him. In this case the award is made to the next highest in the department who has not received an award. To be eligible, an undergraduate must have taken all the courses of the department concerned up to the end of junior year, including prize examinations, and upon receiving an award must elect the courses of the department through senior year. To receive the stipend, an appointee must complete senior year in this College and pay in full the college bills of that year.

Junior Prize Scholarships

The Oren Root Prize Scholarships. Two scholarships, of $100 each, are awarded to the two juniors who have the best

record in mathematics during the freshman and sophomore years. To be eligible for the award, an appointee must elect mathematics through junior year.

THE RENWICK PRIZE SCHOLARSHIP IN BIOLOGY, founded by Edward A. Renwick, Esq., of Chicago, Ill., yields $75 to a member of the Junior Class appointed by the Faculty, for the study of biology during the summer vacation.

FRESHMAN PRIZE SCHOLARSHIPS

THE FAYERWEATHER SCHOLARSHIPS. Five scholarships, yielding $100 each for the freshman year, are awarded to five men of the freshman class, provided there are five, who gain the highest marks in the entrance examinations at the College in September on fifteen units of secondary school studies, as specified under Requirements for Admission. A competitor who fails in any unit may not receive an award. Freshmen admitted in June may enter this September examination. Appointees to these scholarships are eligible to the Maynard and Brockway Entrance Prize competition (see "Prizes" 24, 25).

Prizes

It is provided in all cases that no award shall be made unless it appears to the judges that the work offered is worthy of such recognition.

To compete for a prize, an undergraduate must be in regular standing. Prizes are conferred only upon those present to receive them on Commencement day, unless excuses for absence have been granted by vote of the Faculty. Applications for excuse must be presented through the Dean in writing before the final Faculty meeting on the Tuesday preceding Commencement day.

1. CURRAN PRIZE IN GREEK AND LATIN. A foundation of $700 by relatives of the late Col. Henry H. Curran, of the Class of 1862, provides a prize in Greek and Latin, offered to juniors,

the prize consisting of money and a silver medal, commemorative of Col. Curran. The award is determined by written examinations in Greek and Latin. The competition in a given year is based upon course 5-6, 7-8, or 9-10, in Greek, and upon course 5-6 in Latin.

2, 3. Hawley Prizes in Greek and Latin. A foundation of $500 by the late Martin Hawley, of the Class of 1851, provides two book prizes, equal in value, one for excellence in Greek, and one for excellence in Latin. In each language, the award is made to the undergraduate who has the best record in course 3-4.

4. Winchell Prize in Greek. A foundation of $1,000 by the late Walter B. Winchell, M.D., of the Class of 1880, provides a prize of $50 to be awarded annually, with the approval of the Faculty, to the undergraduate who, beginning Greek in College, shall have made the best record in three year-courses in that language.

5. Brandt Prize in German. By Frederic P. Warfield, of the Class of 1896, in honor of the late Professor H. C. G. Brandt, a prize of $50 is offered to seniors for excellence in German.

Oration and Essay Prizes. All papers in any competition must be upon subjects assigned by the Faculty, and must be left with the President at a given day and hour. They must be typewritten upon one side of sheets about eight by eleven inches, with broad margins for binding. Pages must be properly numbered and fastened securely; they must not be rolled or folded. Each hundred words must be indicated by numbers in the margin. Each paper must be signed with a fictitious name, and accompanied by a sealed envelope similarly marked and containing the name of the author.

Papers not conforming to these requirements and papers submitted late will be returned to the writers without credit. Prize orations must not be published before they are spoken. Successful papers become the property of the Library.

6. CLARK PRIZE ORATION. A foundation of $1,000, begun by the late Aaron Clark, A.M., of New York, increased by the late Henry A. Clark, of the Class of 1838, provides prizes for seniors excelling in original oratory.

Orations may contain not more than fifteen hundred words, and must be left with the President before noon of the first Saturday following the spring recess. They are considered by the Reading Committee of the Faculty, who determine the best six orations, regardless of subject, provided there be six of sufficient merit. The orations are delivered on the Saturday evening of commencement week. The award is determined by a committee of five judges at the close of the exhibition, and is then announced.

Subjects, 1929: The Air Mail Service; Music and Culture; Theodore Roosevelt; The New Italy; General Robert E. Lee in Granite; The Dream of World Peace; Thomas Chatterton; Man and the Enlarging Universe; Our Literary Cynics; The Tyranny of Organized Labor; The Case of Haiti; The Insanity Plea; The Patrioteer; History Textbooks as a Cause of International Ill Will; Evolution and the Freedom of the Classroom.

7. PRUYN MEDAL ORATION. A foundation of $500 by the late Chancellor John V. L. Pruyn, of Albany, provides a gold medal for the senior writing the best oration on "The Political Duties of Educated Young Men."

Subject, 1929: Educated Young Men and Jury Service.

8. HEAD PRIZE ORATION. A foundation of $1,000 by the late Franklin H. Head, LL.D., of the Class of 1856, provides a prize for the senior writing the best oration upon a theme relating to Alexander Hamilton.

Subject, 1929: Hamilton's Place in American Constitutional History.

9. KIRKLAND PRIZE ORATION. A foundation of $500 by the late Mrs. A. R. Kirkland, of Clinton, provides a prize for the senior writing the best oration upon a theme in Biblical science.

Subject, 1929: The Reconciliation of Protestant Creeds.

Orations submitted by competitors in the Pruyn, Head, and Kirkland contests may contain not more than twelve hundred words, and must be left with the President before noon of the first Saturday following the spring recess. A senior may receive not more than one of these awards,

though he may write on more than one subject. Each prize oration is delivered at the commencement exercises.

10. KELLOGG ESSAY PRIZES. A foundation of $700 by the late Charles C. Kellogg, of the Class of 1849, provides book prizes for two juniors, one sophomore, and two freshmen who excel in English essays.

Subjects, 1929: *Juniors:* Hamilton Men in the Literature of Today; Thomas Hardy and the Common Folk. *Sophomores:* Art and Outdoor Advertising. *Freshmen:* Modern Bridges and their Builders; The Draining of the Zuyder Zee.

11. COBB ESSAY PRIZE. A foundation of $500 by the late Willard A. Cobb, of the Class of 1864, provides a prize of $25 for the undergraduate submitting the best essay on journalism.

Subject, 1929: The Columnist in Modern Journalism.

12. HUTTON ESSAY PRIZE. A foundation of $500 by the late William Hutton, D.D., of the Class of 1864, provides a prize of $25 for the sophomore submitting the best essay on an assigned subject in Biblical history.

Subject, 1929: The Decalogue and the Beatitudes.

One subject is assigned for each prize offered. A competitor may write on more than one subject, but he may receive only one award in any year. An award does not bar a student from competition in a subsequent year.

Essays may contain not more than thirty-five hundred words, and must be left with the President before noon of the first Saturday following the spring recess. They are judged by a committee chosen by the Professor of Rhetoric and Oratory.

13. WILLIAM DUNCAN SAUNDERS PRIZE IN ENGLISH WRITING. A prize of $200, in memory of William Duncan Saunders, is offered by Mrs. Edward Wales Root and Alexander Woollcott, L.H.D., for the best piece of undergraduate writing either submitted in manuscript or published before the beginning of the second semester.

The competition is open to all undergraduates in attendance at the College in the year of the award. The prize is offered for each of five years beginning with 1925-26. Professor Robert Barnes Rudd is the

chairman of the Committee of Award and will nominate the other members, the majority of whom are to be from the Faculty of the College.

14. McKinney Prize Debate. A foundation of $1,500 by the late Charles McKinney, of Binghamton, provides two prizes of $50 and $25 for seniors excelling in extemporaneous debate.

The proposition for debate is chosen by the Reading Committee and submitted to the Faculty for approval early in April.

The Prize Debate is held on the Wednesday evening nearest June 1, at eight o'clock. Notes may not be used in the debate. The award is made by a committee of five, not members of the Faculty, and is announced at the close of the debate. In making the decision, the judges determine the best and the second best debaters. These receive the prizes of $50 and $25 respectively.

Subject, 1928: Resolved, that the United States should materially strengthen its naval defenses.

15. McKinney Prize Declamation. A foundation of $700 by the late Charles McKinney, of Binghamton, provides book prizes for the two men in each of the three lower classes who excel in declamation.

Four contestants are annually chosen from each of the three lower classes upon the basis of their record in Tuesday rhetoricals up to the time of appointment. The competition is held in the College Chapel on the Friday afternoon of commencement week. The award is made by a committee chosen by the Professor of Rhetoric and Oratory.

16. Darling Prize in American History. A foundation by the late Charles W. Darling, of Utica, supplemented by a friend of the College, provides a prize of $25 for the senior having the best record in the courses in American History offered to his class.

17. Putnam Prize in American History. The gift of Dr. Frederick W. Putnam of Binghamton, supplemented by a friend of the College, provides a prize of books to the value of $20 for the senior having the second best record in the courses in American History offered to his class.

18. Euler Prize in European History. By Edward Edwin

Euler, of the Class of 1923, a prize of books to the value of $25 is provided for the senior who has the best record in at least two advanced courses in European history.

19. Soper Prize Thesis. A foundation of $1,500 by the late Arthur W. Soper, of New York, provides a prize of $75 for the best thesis on a topic in economics assigned by the Faculty.

The competition is open to all seniors who are taking a second or third year-course in Economics. The thesis subject for each class is announced toward the end of junior year. Theses are not limited as to length. They must be left with the President before noon of the Saturday following the spring recess. They are judged by a committee chosen by the Faculty from outside their own number.

Subject, 1929: The Tariff and the American Farmer.

20. Tompkins Prizes in Mathematics. A foundation of $3,200 by the late Hamilton B. Tompkins, A.M., of the Class of 1865, provides prizes of $100 and $50 for juniors who excel in mathematics. The award is made upon the basis of an examination near the close of junior year, involving the work of courses 3-4 and 5-6 in Mathematics.

21. Holbrook Prize in Biology. A foundation of $1,000 by the late David A. Holbrook, of the Class of 1844, provides a prize of $50 to the senior having the best record in three year-courses in biology.

22. Underwood Prize in Chemistry. A foundation of $3,000 begun by the late George Underwood, of the Class of 1838, and increased by J. Platt Underwood, of the Class of 1870, of Chicago, Ill., provides a prize for the senior who excels in chemistry.

23. Southworth Prize in Physics. A foundation of $500 by the late Tertius D. Southworth, of the Class of 1827, provides a prize for the senior who excels in physics.

24. Maynard Entrance Prize. A prize of $100 is offered annually by Reuben Leslie Maynard, A.M., of the Class of 1884, of New York, N. Y., to that freshman who shall have passed the

best entrance examinations in all the subjects of an admission group at the College in September, shall prove himself of good conduct and character in the College, and shall gain an average grade of high honor in his work through the freshman year.

25. Brockway Entrance Prize. A foundation established by the late Dr. A. Norton Brockway, of the Class of 1857, provides a prize of $25 annually which is offered to the freshman who shall have passed the second best entrance examinations in all the subjects of an admission group at the College in September and shall complete the work of the freshman year in an orderly manner.

GENERAL INFORMATION

Situation

The College is situated at the center of New York State, in the county of Oneida, one mile from the village of Clinton. Seven miles to the northeast lies the city of Utica, on the main line of the New York Central, accessible from Clinton both by trolley and by the New York, Ontario & Western railroad.

The College occupies a natural plateau nine hundred feet above the sea and three hundred feet above the adjacent valley. Its campus is a park of about one hundred and fifty acres, shaded by venerable trees, with an easterly exposure, overlooking the Oriskany and Mohawk valleys. Its buildings, arranged in quadrangles, are modern and adequate, and with few exceptions are constructed entirely of stone. The naturally healthful conditions secured by the elevation and by air exceptionally pure and dry are supplemented by a private water supply from spring-fed reservoirs above the College, and by an extensive system of sanitation constructed in accordance with the best modern practice and officially approved by the state authorities.

Buildings

DORMITORIES. Three dormitories afford exceptional accommodations for about one-half of the undergraduates. Carnegie Hall (1904) and South College (1906) together receive about 140 men. They are fireproof and equipped with steam heat, broad fireplaces, hardwood floors, electric light, and bathrooms. North College (1842), now extensively improved, affords comfortable accommodations for 54 men at more moderate rental.

Nearly all the rooms are arranged in suites, which are restricted to two, three, or four occupants. No reduction is made in the rental if a suite is occupied by less than the designated number of

men. The College provides essential furniture; and full care of rooms is included in the rental. All rooms are leased for the academic year only, and the buildings are closed during vacations. Fuller details and the rules governing the leasing of rooms may be obtained from Edward M. Coughlin, the Bursar of the College.

SCIENCE AND RECITATION HALLS. Three buildings are devoted to the work of the science departments. Root Hall of Science (1897) houses the departments of physics and mathematics, with an entire floor for each. The Chemical Laboratory (1903), a two-story stone building, is devoted exclusively to the department of chemistry. The new three-story Biology-Geology Building (1925), at the north end of the west quadrangle, accommodates the departments of biology and geology. It contains ample laboratories and lecture rooms, the departmental libraries, and the College Museums of Natural History, Mineralogy, and Anthropology. Benedict Hall of Languages (1897) and Truax Hall of Philosophy (1900) provide recitation rooms for other departments of instruction.

ADMINISTRATION BUILDING. Buttrick Hall (1812), recently known as Knox Hall, the first building erected by the College, has been restored (1926) to its original form and adapted to the purposes of administration. It provides offices for the President and other officers of the College, and a convenient room for meetings of the Trustees and of the Faculty.

CHAPEL AND Y. M. C. A. The Chapel (1828, enlarged 1897), occupying the central site on the campus, is the home of the religious life of the College. It contains a fine organ and memorial windows. Here are held public lectures and the commencement exercises. It is also the College Church. Silliman Hall (1889), at the south end of the campus, accommodates the Young Men's Christian Association and provides a meeting place for the undergraduates.

COMMONS. The Soper Commons (1903), a dignified Gothic dining hall, has accommodations for furnishing table board to two

hundred students. It is the center of the collective social life of the College. Here are held college dinners, undergraduate gatherings, and the alumni luncheon at commencement.

GYMNASIUM AND ATHLETIC EQUIPMENT. The Soper Gymnasium (1891, remodeled 1912) is equipped to afford facilities for indoor training. The ground floor contains the director's office, a large locker room with steel lockers, dressing rooms, showers, and a stock-room. The main exercising floor above is fitted with an oval running track, a basketball court, and wall and floor apparatus.

The Russell Sage Building (1922) houses a 220-yard cinder running track and an enclosed playing-field about 85 by 200 feet in size. This serves in winter as an ice-hockey rink and in other seasons, particularly during inclement weather, for the scheduled physical training hours of the undergraduate body generally. This building provides at the same time a well-lighted space for football practice of certain kinds in the late afternoon hours of October and November and a place for baseball in the spring and tennis in the rainy days of summer.

The Steuben Athletic Field, adjoining the main group of buildings, has a well-drained and watered football field and jumping pits, surrounded by a quarter-mile track and a 220-yard straightaway, both of cinders; a soccer field; a new baseball diamond beyond the Russell Sage Building, carefully levelled and drained; and nine tennis courts.

The equipment of the College for physical training includes also the Hamilton B. Tompkins Golf Course of nine holes, covering about sixty-five acres, all in the north-westerly portion of the campus, with the first tee and the ninth green both within a few rods of the gymnasium.

LIBRARY. The Library (1914), the gift of Mrs. Ellen Curtiss James, is a substantial fireproof building, well adapted to the needs of the College. It has a large reading room, 30 by 65 feet in size,

with an open stack room adjoining, accommodating a selected students' library and reference books; a main stack room with a capacity of 100,000 volumes; a treasure room; an art room, with a stack room adjoining, for books on art and archeology; and several seminar rooms and studies for the use of undergraduates and Faculty.

The Library is open every college week-day from eight to twelve-thirty, from one to six, and from seven-thirty to ten; on Sundays in the afternoon and evening; and in vacations daily from nine to four. Instruction is given to new students in the use of the catalogues and reference books and in the methods of working in the Library.

At present the Library contains about 127,000 volumes and 32,000 pamphlets. It is card-catalogued both by authors and by subjects. About 550 current periodicals and serials are received. Special endowments, recently increased by the contribution of $75,000 from the Carnegie Corporation, and the bequest of $100,000 from the late Hamilton B. Tompkins, of the Class of 1865, supplemented by appropriations from the general funds of the College, provide for its growth and administration. There were added 5,523 volumes during the year 1927-28. In the selection of books, primary regard is given to the wants of the several departments of instruction; but recommendations for the purchase of books of general interest, or such as any undergraduate desires for his own reading, always receive attention and are acted upon favorably if possible.

Scientific Collections

The Knox Museum of Natural History, located in the Biology-Geology Building, contains valuable scientific collections, the most important of which are classified as follows:

Geology and Mineralogy. More than 20,000 specimens of fossils, rocks, and minerals are accurately classified and arranged to illustrate the geological history of the earth, and the economic geology and min-

eralogy of important regions, particularly of New York State. The collection was founded by the elder Professor Oren Root, of the Class of 1833, seventy-five years ago. Under his direction it was extended to include 10,000 specimens, chiefly from New York State, some of which are the finest of their several kinds; and this part is known as the Oren Root Collection of New York State Minerals. It has been increased by purchase, by exchange, and by generous gifts from the late Egbert Bagg, of Utica, N. Y., John D. Conley, Ph.D., '69, of Carlinville, Ill., Benjamin W. Arnold, '86, of Albany, N. Y., Mrs. Frederick H. Gouge, of Utica, N. Y., and other friends of the College.

BIOLOGY. The biological division includes the extensive herbarium of the late Dr. H. P. Sartwell, of Penn Yan, N. Y., well known as a fine representation of American flora; upwards of 3000 land, fresh-water, and marine shells, accurately classified; a collection of Japanese shells and insects, the gift of the late Rev. Henry Loomis, '66; the Barlow collection, comprising 13,000 insects, presented by the late Hon. Thomas Barlow, of Canastota, N. Y.; a large and valuable collection of butterflies, presented by Benjamin W. Arnold, '86, of Albany, N. Y.; several hundred bird skins, collected and prepared by Harry E. Dounce, '10; and several hundred specimens of birds and mammals, well mounted and classified.

ANTHROPOLOGY. The collection includes upwards of 2000 specimens to illustrate the civilization of the Indians of North America, an extensive collection from the lake dwellings at Robenhausen, Switzerland, and many specimens illustrative of primitive culture in other parts of the world.

Medical Service

RESIDENT PHYSICIAN. By arrangement of the Board of Trustees, Dr. V. B. Hamlin, of Clinton, a physician of many years of successful experience, is regularly available to all officers and undergraduates of the College at his office in the Infirmary from 1 to 1:15 p. m. on week-days and from 10 to 10:15 a. m. on Sundays.

INFIRMARY. A suite of rooms has been provided in the Perry H. Smith Hall, for the use of the College as an infirmary. It includes a large ward with six beds, an isolation ward, a surgeon's room, with medical and surgical appliances, and a diet kitchen; and accommodations for the resident nurse.

An infirmary fee of $10 a year entitles the students to the serv-

ices of the college physician and the resident nurse. In particular, one week in the infirmary is provided without further charge.

A foundation, known as the Robert Macalister Farrell Nursing Fund, donated by Dr. Thomas H. Farrell, of Utica, in memory of his son, Robert Macalister Farrell, '21, is applied toward the cost of hospital care for undergraduates.

Religious Instruction

The College, while under no denominational control, is distinctly Christian, and regards divine worship as a regular part of the life of its students. It avows its historic debt both to the Christian faith and to the patriotic devotion of its founders, and treats the devout recognition of God, revealed in His world and His word, as elemental and indispensable in the development of true manhood.

As a required college exercise there is held in the Chapel each week-day morning at eight a brief service, with Bible reading, song, and prayer. Each Sunday morning at half-past ten o'clock there is public worship, at which all members of the College are regularly required to be present.

The College preachers for the year 1927-28 were:

Rev. Albert W. Beaven, D.D., Rochester, N. Y.
Rev. W. W. Bellinger, D.D., New York, N. Y.
Rev. J. V. Moldenhawer, D.D., New York, N. Y.
Rev. Robert G. McGregor, D.D., New Rochelle, N. Y.
President J. Edgar Park, D.D., Wheaton College, Norton, Mass.
Professor Arthur L. Swift, Jr., Union Theological Seminary, New York, N. Y.
Rev. Willard P. Soper, D.D., Stamford, Conn.
Rev. Albert C. Fulton, S.T.D., Syracuse, N. Y.
Rev. George A. Buttrick, D.D., New York, N. Y.
Professor Gaius Glenn Atkins, D.D., Auburn Theological Seminary, Auburn, N. Y.
Rev. William P. Schell, D.D., New York, N. Y.
Chancellor Charles W. Flint, D.D., Syracuse University, Syracuse, N. Y.

The Rt. Rev. Charles Fiske, D.D., LL.D., Utica, N. Y.
Rev. Alexander Thompson, Geneva, N. Y.
Professor Alfred E. Alton, D.D., Colgate University, Hamilton, N. Y.
Principal Alfred E. Stearns, L.H.D., Phillips Academy, Andover, Mass.
Professor Ambrose W. Vernon, D.D., Dartmouth College, Hanover, N. H.
Rev. Anthony N. Petersen, D.D., Scarborough, N. Y.
Principal R. Bruce Taylor, LL.D., Queen's University, Kingston, Ontario.
Rev. H. Adye Prichard, Mt. Kisco, N. Y.
Rev. Wilbur V. Mallalieu, D.D., Akron, Ohio.
Rev. Henry H. Tweedy, D.D., Yale Theological Seminary, New Haven, Conn.
Rev. J. Lovell Murray, D.D., School of Missions, Toronto, Canada.
Rev. Charles G. Sewall, D.D., Rye, N. Y.
Rev. Wendell P. Keeler, D.D., Yonkers, N. Y.
President Paul D. Moody, D.D., Middlebury College, Middlebury, Vt.
Rev. Robert R. Wicks, D.D., Holyoke, Mass.
Rev. Allan Knight Chalmers, D.D., Buffalo, N. Y.
Principal Lewis Perry, Litt.D., Phillips Exeter Academy, Exeter, N. H.
President Clarence A. Barbour, D.D., Rochester Theological Seminary, Rochester, N. Y.
President George B. Cutten, D.D., Colgate University, Hamilton, N. Y.
Chancellor Charles A. Richmond, LL.D., Union University, Schenectady, N. Y.
Rev. Louis H. Holden, The Theological Seminary, New Brunswick, N. J.
President Frederick C. Ferry, LL.D., Hamilton College, Clinton, N. Y.

Every Christian man entering College is urged to become a member of the College Church, by letter either of commendation or of transfer. The Lord's Supper is celebrated three times in the college year.

The Young Men's Christian Association maintains an active and influential life. Under its direction voluntary religious meetings and courses of special Bible study are conducted.

Myers Lectures

Under a memorial endowment established by the mother of the late John Ripley Myers, '87, public lectures on subjects of general interest are given annually before the College by persons of dis-

tinction. During the year 1927-28 lectures upon this foundation were delivered as follows:

Rev. Edmund Horace Fellowes, Mus.D. October 17, 1927
English Madrigals and Madrigal Composers

Mr. George William Russell March 1, 1928
Irish Literature

Thomas Frederick Tout, Litt.D. April 23, 1928
Life in Mediæval Universities

Undergraduate Organizations

GENERAL ASSOCIATION FOR UNDERGRADUATE ACTIVITIES. The following undergraduate organizations are included in the General Association for Undergraduate Activities: the athletic teams, intramural sports, the dramatic club, and intercollegiate debating. The control of these various organizations, under the general rules laid down by the Faculty, is to some extent in the hands of a council or executive board of the General Association, consisting of three undergraduates, three members of the Faculty, and three alumni. An officer of the College is treasurer and all moneys pass through his hands.

Membership in the General Association is open to undergraduates on the payment of an annual tax, which cannot be more than $25. Payment of this fee is optional, but is expected of every undergraduate who is able. In return for it, undergraduates are admitted free to all games and entertainments given on College Hill under the auspices of the General Association.

DEPARTMENTAL ASSOCIATIONS. Several study clubs help to bring the members of the college community into closer personal relations. These, the German Club, the French Club, the Latin Club, the History Club, the Biology Club, and the Geology Club, are directed by the heads of the departments concerned and meet weekly or fortnightly.

PUBLICATIONS. The undergraduate publications are *The Hamilton Literary Magazine; Hamilton Life,* a weekly; the *Hamiltonian,* an annual; and the *Royal Gaboon,* a quarterly. The *Blue Book,* a handbook of general college information, is prepared and distributed each autumn by a committee of undergraduates.

Expenses

Annual college charges include the following:

FOR ALL UNDERGRADUATES

Tuition	$150
(Beginning with the Class of 1930)	200
(Beginning with the Class of 1931)	250
Undergraduate Activities, not more than	25
Infirmary fee	10

FOR RESIDENTS OF THE DORMITORIES

Room rent in	
Carnegie Hall	$125 to $150
South College	120 to 165
North College	70 to 110
Electric light, by meter, about	10

The Soper Commons is organized co-operatively under the supervision of the Manager. The price of board during the first semester of 1928-1929 is $7.70 a week.

Living expenses for undergraduates who room and board in society houses or elsewhere may vary somewhat from the figures given above. The College provides the necessary furniture for the rooms in the dormitories. Laboratory fees are charged in some science courses, ranging from $5 to $25 for the year. The graduation fee is $10. An undergraduate's additional expenses will necessarily be governed by his tastes, resources, and appreciation of the value of money.

The annual registration fee of $25 is to be paid before August 1. (See page 28.) All other college bills, including bills for board in Commons Hall, are payable semi-annually in advance. The Trustees instruct the Bursar to report the names of all undergraduates who at the end of the tenth day of the semester are delinquent in the payment of their fees, and the President is instructed to exclude such men from classes until payment is made. Absences thus incurred are not excused. Voluntary or careless damage done to College property is an extra charge to the individuals or classes responsible. If these are not known, the charge is assessed upon the whole undergraduate body, *pro rata*. No reduction in tuition fees is made for absence, either in case an undergraduate returns to a class which he has left, enters late, is absent under discipline, or is dropped. No undergraduate may receive a degree or honorable dismissal whose college bills are unpaid.

Postal and Railway Service

The post-office address of the College is Clinton, N. Y.

The railroads are: the New York, Ontario & Western, Utica Division, and the New York State Railways (electric), Clinton line. Electric cars leave Utica at a quarter before and a quarter past the hour; they leave Clinton on the hour and half-hour.

The usual express accommodations are provided by the American Railway Express Co., via the N. Y., O. & W. R. R.

All correspondence should be addressed to the President.

DEGREES, HONORS AND PRIZES
1927-28

Degrees in Course

Bachelor of Arts

Walter Louis Ahner
Frederick Gray Allen, Jr.
Frank Morris Anderson
Frederick Armstrong Ballard, ΦBK
William Thackeray Bannerman, Jr.
Philip John Bauer
Porter Kingsbury Bennett
Sidney Bachly Bennett
Charles Kevork Bogoshian, ΦBK
Ernest Rastrick Briggs
William Bull Church
Claude Roosevelt Clark
Edwin Powell Clark
Philip Garner Corby
George Alfred Covert
Winthrop Davenport
Reams Andrew Domser
Seward Myrick Donaldson
John Franklin Donk
Jared VanWagenen Estelow
Lester Alfred Fanning
George Theodore Farley
William Eaton Ferry
Robert George Fisher
Lawrence Anthony Fitzgerald
Frederic Dan Huntington Gilbert, ΦBK
Charles Paulson Graves
Edgar Seaton Hassard
Paul Holden Hays
Henry Livingston Heyl, ΦBK
Joseph Kirkland Holley
Frederic Charles Ingalls, Jr.
George Robert Jacobsen
Joseph Henry Jenkins, Jr., ΦBK
Vincent Starbuck Jones
Frederic Brandt Kessler
Julius Anson Kuck, 3rd, ΦBK
Henry Cady Lamb
Vito Sebastian Lee, ΦBK
Frederick William Leich, Jr.
Norman Bandeen Loomis
Harry Bertram Luke
Reginald Woodworth Lyon, ΦBK
Dudley Lawrence Moore
Albert Vail Morris
John Orville Morris
Stewart Case Morton
Lester Rood Mosher
Raymond Henry Ostrander, ΦBK
Arthur Farrand Pierson
Seymour Maitland Pitcher, ΦBK
Robert Lafayette Reed
Archibald Kendall Roberts, ΦBK
Dwight Jarvis Scovel
Raymond Kessler Searls
Henry Jacob Semenoff
Alton John Spencer
Donaldson Stevens Strong
Winton Tolles
Howard Leland Vosburgh
Robert Grier Cooper Walker
Robert Breckinridge Warfield
Ernest Neal Warren
Stephen Leon Waszkiewicz, ΦBK
Kenneth Wallace Watters, Jr.
Arthur Wiggins, Jr.
Warren Elliott Wormuth
Max Melville Wylie

Bachelor of Science

John Lyman Beach
Hulbert TenEyck Beardsley, Jr.
Donald DeVere Bradley
Joseph Harvey Durkee
Wilbur Maxwell Merritt
Stuart Edward Miller
Leland Bernard Norton, ΦBK
Frank Edward Pierce
Richard Lee Rathbun
John Carroll Redmond
Marion Risley Smith

Master of Arts

Charles Douglas Chretien
Roswell Roy Perkins

Honorary Degrees

Doctor of Letters

Theodore Collier, Providence, R. I.

Doctor of Science

Paul Tompkins Harper, Albany, N. Y.

Doctor of Laws

Henry Wynans Jessup, New York, N. Y.
Charles Butler Rogers, Clinton, N. Y.

Honors

Scholarship Honors for the Course

Class of 1928

Honor

Frederick Armstrong Ballard
Charles Kevork Bogoshian
Frederic Dan Huntington Gilbert
Henry Livingston Heyl
Joseph Henry Jenkins, Jr.
Julius Anson Kuck, 3d
Vito Sebastian Lee
Reginald Woodworth Lyon
Leland Bernard Norton
Raymond Henry Ostrander
Seymour Maitland Pitcher
Archibald Kendall Roberts
Stephen Leon Waszkiewicz

CREDIT

Philip Garner Corby
Reams Andrew Domser
George Theodore Farley
Paul Holden Hays
Vincent Starbuck Jones
Frederic Brandt Kessler
Frederick William Leich, Jr.
Harry Bertram Luke
Dudley Lawrence Moore
Robert Lafayette Reed
Alton John Spencer
Winton Tolles
Ernest Neal Warren

ELECTIONS TO PHI BETA KAPPA

Class of 1928

Frederick Armstrong Ballard
Charles Kevork Bogoshian
Frederic Dan Huntington Gilbert
Henry Livingston Heyl
Joseph Henry Jenkins, Jr.
Julius Anson Kuck, 3d
Vito Sebastian Lee
Reginald Woodworth Lyon
Leland Bernard Norton
Raymond Henry Ostrander
Seymour Maitland Pitcher, *Valedictorian*
Archibald Kendall Roberts, *Salutatorian*
Stephen Leon Waszkiewicz

Class of 1929

Lloyd Vincent Almirall
Paul Vautrin Combs
Walter Elliott Knox

DEPARTMENT HONORS, CLASS OF 1928

GREEK: Messrs. Gilbert, Pitcher.
LATIN: Messrs. Jenkins, Kuck, Pitcher.
FRENCH: Messrs. Gilbert, Pitcher.
PHILOSOPHY: Messrs. Roberts, Waszkiewicz.
HISTORY: Mr. Roberts.
ENGLISH LTERATURE: Mr. Jones.
MATHEMATICS: Mr. Corby.
CHEMISTRY: Messrs. Kuck, Norton.
BIOLOGY: Messrs. Bogoshian, Kessler.
PHYSICS: Mr. Redmond.

SCHOLARSHIP HONORS FOR THE YEAR 1927-1928

Class of 1928

HIGH HONOR: Messrs. Pitcher, Roberts.

HONOR: Messrs. Ahner, Ballard, Bannerman, Bogoshian, Covert, Domser, Gilbert, Hays, Heyl, Jones, Kuck, Lyon, Norton, Ostrander, Reed, Spencer, Waskiewicz.

CREDIT: Messrs. Allen, C. R. Clark, Corby, Farley, Fitzgerald, Graves, Jacobsen, Jenkins, Kessler, Lamb, Lee, Leich, Luke, Moore, Semenoff, M. R. Smith, Tolles, Warren, Wylie.

Class of 1929

HONOR: Messrs. Almirall, Atkins, Barns, Douglas.

CREDIT: Messrs. Brown, Callanen, Campbell, Chapin, Combs, Cranston, Gage, Isaac, Knox, Krum, Mineka, Normile, Rearick, Reinecke, Sprague, Stevens, Ulmer.

Class of 1930

HIGH HONOR: Mr. Darken.

HONOR: Messrs. Beetle, Grubb, Kuczycke, Nichols, Niemeyer, Rodgers, Tuthill, Watson.

CREDIT: Messrs. Denne, MacIntyre, Perry, Sarles, Smelzer, Stevens, VanLoon, Wells, Westerberg.

Class of 1931

HONOR: Messrs. Bresee, Crowley, Cruser, Meagher, Rayton, M. C. Smith.

CREDIT: Messrs. Baldwin, Bannerman, Bates, Crade, Drummond, J. B. Fanning, Gaskill, Lawrence, Polhemus, Redmond, Rowland.

Prizes

ROOT FELLOWSHIP: Leland Bernard Norton.

CHAUNCEY S. TRUAX GREEK SCHOLARSHIP: John Shaw Rearick.

EDWARD HUNTINGTON MATHEMATICAL SCHOLARSHIP: Emerson Edward White.

ARTHUR W. SOPER LATIN SCHOLARSHIP: Walter Elliott Knox.

CHARLES HOLLAND DUELL GERMAN SCHOLARSHIP: Ingvald Arthur Solberg.

OREN ROOT MATHEMATICAL SCHOLARSHIPS: Lawrence Stamper Darken; Henry Allen Rodgers.

RENWICK SCHOLARSHIP IN BIOLOGY: William Johnston Cranston, Jr.

FAYERWEATHER PRIZE SCHOLARSHIPS: William John Sloane, Jr.

CURRAN PRIZE IN GREEK AND LATIN: No award.

HAWLEY PRIZE IN GREEK: Edward Livingston Stevens, Jr.

HAWLEY PRIZE IN LATIN: Stedman Davis Tuthill.

WINCHELL PRIZE IN GREEK: Walter Elliott Knox.

BRANDT PRIZE IN GERMAN: No award.

CLARK PRIZE ORATION: *First,* Robert Lafayette Reed; *Second,* Winton Tolles; *Third,* Joseph Henry Jenkins, Jr. *The other appointees to the contest:* Messrs. Covert, Fanning, Gilbert.

PRUYN MEDAL ORATION: No award.

HEAD PRIZE ORATION: Winton Tolles.

KIRKLAND PRIZE ORATION: No award.

MCKINNEY PRIZE DEBATE: *First,* Archibald Kendall Roberts; *Second,* Frederic Dan Huntington Gilbert. *The other appointees to the contest:* Messrs. Ballard, Hays, Reed, Tolles.

KELLOGG ESSAY PRIZES:

Juniors: Subject, "The *Carpe Diem* Theme in English Literature since 1600." No award. *Subject,* "War in the Poetry of the Nineteenth and Twentieth Centuries." No award.

Sophomores: Subject, "American Negro Literature." *Prize,* Vernon Arthur Ives.

Freshmen: Subject, "The Battlefields of New York State." *Prize,* Jefferson Frederick Meagher. *Subject,* "The Restoration of our Forests." *Prize,* Albert Carroll Redmond.

COBB ESSAY PRIZE: *Subject,* "Tabloid Journalism." *Prize,* Francis Edward Mineka.

HUTTON ESSAY PRIZE: *Subject,* "The Sermon on the Mount." *Prize,* Samuel Anthon Ives.

WILLIAM DUNCAN SAUNDERS PRIZE IN ENGLISH WRITING: Richard Annesley Atkins; Frederic Dan Huntington Gilbert.

MCKINNEY DECLAMATION PRIZES:

Juniors: First, Francis Edward Mineka; *Second,* John Haskell Chapin.

Sophomores: First, Joseph John Ferlo; *Second,* James Campbell MacIntyre.

Freshmen: First, Jefferson Frederick Meagher; *Second,* John Haydn Jones.

DARLING PRIZE IN AMERICAN HISTORY: Archibald Kendall Roberts.

PUTNAM PRIZE IN AMERICAN HISTORY: Henry Cady Lamb.

EULER PRIZE IN EUROPEAN HISTORY: Reginald Woodworth Lyon.

SOPER PRIZE THESIS: No award.

TOMPKINS MATHEMATICAL PRIZES: *First,* Emerson Edward White; *Second,* Edwin Church Douglas.

HOLBROOK PRIZE IN BIOLOGY: Charles Kevork Bogoshian.

UNDERWOOD PRIZE IN CHEMISTRY: Leland Bernard Norton.
SOUTHWORTH PRIZE IN PHYSICS: John Carroll Redmond.
MAYNARD ENTRANCE PRIZE: *Class of 1931,* No award. *Class of 1932,* Candidate, William John Sloane, Jr.
BROCKWAY ENTRANCE PRIZE: *Class of 1931,* No award. *Class of 1932,* No candidate.

HAMILTON COLLEGE SINGING TROPHY: Awarded to the Class of 1931.

REGISTRATION*

Fellow

Norton, Leland Bernard — *Barnes Corners*
Root Fellow in Science. In residence at Cornell University, Ithaca, New York.

Candidates for the Degree of Master of Arts

Crist, Clifford Mortimer *French, Spanish*	*Clinton*	Edward Cackett's
Haist, Paul Bernhardt *German, Old English*	*Clinton*	Prof. Graves's
Heyl, Henry Livingston *Diplomatic Relations, French*	*Clinton*	Prof. Wood's
Palmer, Robert Morris *Ethics, New Testament Greek*	*Gloversville*	Gloversville

Seniors, Class of 1929

Adams, Philip Roades	*Rochester*	ΔKE House
Almirall, Lloyd Vincent	*Brooklyn*	XΨ Lodge
Atkins, Richard Annesley	*Auburn*	ΔKE House
Baker, Stuart, Jr.	*Ossining*	ΔΤ House
Barns, Richard Turner	*New York*	ΨΤ House
Bishop, Everett Ward, Jr.	*Le Roy*	ΘΔX House
Brown, Horace Seely, Jr.	*Clinton*	Prof. Brown's
Burt, Howard Purington	*Caledonia*	ΔXA House
Calkins, Harlan Ford	*Rochester*	ΨΤ House
Callanen, Gardner Aloysius, Jr.	*Wilmette, Ill.*	Prof. Wood's
Campbell, William Tod, Jr.	*Brooklyn*	ΔΞΣ House
Chacona, Pano Spero	*Syracuse*	3 C
Chamberlain, Charles Corydon	*New York*	ΔXA House
Chan, Hin Cheung	*Hong Kong, China*	ΔKE House
Chapin, John Haskell	*Niagara Falls*	ΣΦ Place
Chatfield, Sherwood Clarke	*Washington, D. C.*	ΣΦ Place
Clark, George, Jr.	*Boonton, N. J.*	North House
Combs, Paul Vautrin	*Watertown*	ΨΤ House

*C—Carnegie Hall. N—North College. S—South College.

Corwin, Theodore Stallknecht	*Orange, N. J.*	ΔKE House
Crane, August Reynolds	*Woodhaven*	ΔΞΣ House
Crane, Leonard James	*Clinton*	Philip B. Crane's
Cranston, William Johnston, Jr.	*Kingston*	16 C
Cutter, Frank Palmer	*Utica*	4 C
DeSormo, Maitland Charles	*Malone*	ΨΥ House
Douglas, Edwin Church	*Richmond Hill*	ΔΞΣ House
Eddy, Frederick Daniel	*Saratoga Springs*	ΔΥ House
Ferry, Chamberlain	*Clinton*	The President's House
Foley, William Jeremiah	*Old Forge*	XBΣ House
Gage, Robert Douglas	*Binghamton*	North House
Grant, Mark Albert	*Franklin Springs*	Franklin Springs
Hollandt, Erwin William	*Ilion*	1 S
Huested, Lester Cole	*Glens Falls*	ΔΥ House
Hunn, David Edward	*Troy*	ΨΥ House
Ibbotson, Joseph Selwyn	*Clinton*	XΨ Lodge
Ingalls, Theodore Hunt	*New Hartford*	9 C
Isaac, Maurice James	*Utica*	9B N
Jewell, James Lilburn, Jr.	*Rochester*	ΛXA House
Joseph, John Michael	*Binghamton*	4 S
Kellam, Harold Nelson	*Endicott*	ΛXA House
Kerr, John Scott	*Cincinnatus*	8 C
Knox, Walter Elliott	*New York*	ΘΔX House
Krum, William J., Jr.	*Fort Plain*	8 C
Lake, Robert McAdam	*Rome*	2 S
MacKenzie, Donald Godfrey	*Auburn*	North House
Macmillan, Zebulun Lash	*Aurora*	ΨΥ House
MacPhail, Robert Campbell	*Auburn*	Edward Cackett's
Merrick, Alden Chester	*Albany*	16 C
Mineka, Francis Edward	*Binghamton*	North House
Montgomery, Robert Lipsey	*Buffalo*	7 C
Mulcahy, Lawrence Lee, Jr.	*Batavia*	12 C
Normile, John Robert	*Binghamton*	ΔKE House
Oelheim, Norman Christopher	*Buffalo*	ΛXA House
Ostrander, Allen Roys	*Madison, Wis.*	ΔΥ House
Parker, Frederick John, Jr.	*Montclair, N. J.*	10 N
Penner, Roy Smith	*Sherburne*	XBΣ House
Peters, Nicholas Donald	*Utica*	27 S
Rearick, John Shaw	*Summit, N. J.*	XΨ Lodge
Reinecke, Richard Alvin	*Union*	ΛXA House
Rowley, Reed Woodruff	*Rochester*	10 C
Rozell, William Merchant	*Croton-on-Hudson*	10 S

Russell, Nelson Gorham, Jr.	*Buffalo*	ΔKE House
Sample, George Collins	*Binghamton*	29 S
Schneider, Paul Martin	*Ilion*	7 S
Sherman, Russell Roberts	*New York*	ΔKE House
Solberg, Ingvald Arthur	*Clifford, N. D.*	ΔΞΣ House
Sprague, Morteza Drexel	*Washington, D. C.*	29 S
Stevens, William Cullen	*Oneonta*	XBΣ House
Studholme, Joseph Foster	*Olean*	ΔXA House
Ulmer, Bernhard	*Saranac Lake*	2 S
VanSchaack, Harold Spoor	*Coxsackie*	27 S
Vaughan, Herman Llewellyn	*Verona*	ΔΞΣ House
Vermilya, Edgar Banker	*Troy*	XBΣ House
White, Emerson Edward	*Ithaca*	XBΣ House
Williams, Harry Babcock	*Utica*	ΔT House
Woolf, Hiram Gruber	*Elmira*	ΔΞΣ House

Juniors, Class of 1930

Aderhold, William Henry, Jr.	*Watervliet*	20 N
Agens, Maynard Crosby	*Lowville*	13 N
Ayrault, Wardell Kinnaird	*Jamestown, R. I.*	ΔΞΣ House
Bailey, Alaric Rosencrantz	*Jamestown*	22 S
Barrett, Merwin Baylis	*Huntington*	ΔΞΣ House
Beetle, David Harold	*Utica*	15 N
Bond, Paterson	*Brooklyn*	22 S
Bremer, Lloyd Paul	*Maplewood, N. J.*	ΔKE House
Brown, Paul Ellsworth	*Watertown*	20 C
Campbell, James Harvey	*Johnson City*	ΔXA House
Carlisle, Phillips Brooks	*New Haven, Conn.*	19 C
Carpenter, Donald Clair	*Rochester*	21 C
Carpenter, Robert Putnam	*Cortland*	ΨT House
Carson, Donald MacKenzie	*Williamsport, Pa.*	ΣΦ Place
Carvalho, Milton Amsler	*Newark, N. J.*	20 N
Clise, Frederick Earl	*Geneva*	5A N
Corby, Frederick Thomas	*West Orange, N. J.*	North House
Costello, Edward Paul	*Geneseo*	6 N
Cropsey, Franklin Barker	*Albion*	Prof. Morrill's
Darken, Lawrence Stamper	*Ridgewood, N. J.*	21 C
Davis, Frederic Neil	*Buffalo*	17 C
Denne, William Henry, Jr.	*New York*	ΨT House
Dillenbeck, Marsden VanWie	*Johnstown*	ΔΞΣ House
Dutcher, Raymond Havelock	*Sherrill*	24 C

Edwards, Jeremiah Plunkett	*New York*	ΨΥ House
Fanning, Joseph Brost	*Southampton*	24 C
Ferlo, Joseph John	*Rome*	ΧΒΣ House
Folley, John Frederick	*Syracuse*	ΘΔΧ House
Fraser, Clarence Bruce	*Ferndale*	ΧΒΣ House
George, Lloyd Livingston	*Englewood, N. J.*	24 S
Green, Daniel	*Dolgeville*	ΔΥ House
Grubb, Thomas Christman	*Brooklyn*	11 C
Hand, Jasper Newell	*Laurens*	ΘΔΧ House
Hartman, Frederick Bittinger	*Liberty*	11 S
Harwood, Henry Hendricks	*Rye*	ΔΚΕ House
Hayes, Louis Neville	*Sherrill*	21 C
Hill, Robert Allison	*Albany*	5 C
Hixson, George DuMont	*Fulton*	25 S
Holmes, Frederick Prevost	*Utica*	9A N
Holroyd, Lincoln, Jr.	*Utica*	21 C
Homrighouse, Frederick Mang, Jr.	*Utica*	20 S
Ives, Samuel Anthon	*Brooklyn*	6 S
Ives, Vernon Arthur	*Watertown*	North House
Jarrett, William Armistead	*Shepherdstown, W. Va.*	25 S
Jenks, Maurice Lamotte, Jr.	*White Plains*	24 S
Kavakos, Meletios	*Brooklyn*	11 C
Kinsey, Milton Peterson	*Ridgewood*	27 N
Kitendaugh, George Henri, Jr.	*Oneida*	ΑΧΑ House
Knutty, John Suter	*Utica*	ΧΒΣ House
Kuczycke, Ralph Joseph	*Binghamton*	19 N
Lathrop, Addison Sargent	*Brooklyn*	25 S
Law, Theodore Gilman	*Briarcliff Manor*	ΣΦ Place
Lawton, James Frederick	*Wilmette, Ill.*	ΔΥ House
MacIntyre, James Campbell	*Johnstown*	19 C
Mangan, William DeLamater	*Binghamton*	23 S
McCready, Thomas Leighton, Jr.	*Pelham Manor*	ΧΨ Lodge
McDonald, Anthony Lawrence	*Ogdensburg*	Chapel
McGregor, Rumsey Miller	*New Rochelle*	2 C
McNeil, Donald Southworth	*Utica*	6 S
McTighe, James Henry	*Binghamton*	ΨΥ House
Mead, Franklin Bush, Jr.	*Fort Wayne, Ind.*	12 S
Moore, James Westcott	*Fort Plain*	10 C
Moore, Thomas Francis, Jr.	*Mohawk*	19 S
Morris, William Charles	*Utica*	7 S
Nichols, Colemar French	*Cortland*	ΔΚΕ House
Niemeyer, John Harry	*Scranton, Pa.*	ΧΨ Lodge

Ohashi, Allan Kyso	*Islip*	ΨΥ House
Owens, Willard Elvil	*Cortland*	22 C
Palmer, Harris Hillman	*Auburn*	ΔΥ House
Parks, Robert William	*Newport*	3 S
Phillips, Charles Spencer	*Utica*	Miss Powell's
Prentiss, Robert Jerome	*Iowa City, Ia.*	30 S
Puglisi, Barney Sebastian	*Binghamton*	19 N
*Rodgers, Henry Allen	*Albany*	Paris, France
Rogers, Philip Virgilius	*Clinton*	ΣΦ Place
Sarles, Harvey Julian	*Liberty*	15 S
Savage, Richard Irwin	*Churchville*	18 S
Schue, Francis Oscar	*Rome*	18A N
Seaver, Robert Hibbard	*Pittsfield, Mass.*	ΣΦ Place
Sewell, Robert Gilchrist	*Cortland*	15 N
Shepherd, George Frederick	*Clinton*	ΨΥ House
Sherman, Walter Bonney	*Auburn*	24 C
Smelzer, Crosby Tracy, Jr.	*Cranford, N. J.*	13 C
Smith, Osgood Reuel	*Skaneateles*	ΨΥ House
Stevens, Edward Livingston, Jr.	*Delhi*	ΨΥ House
Tracy, Philip Edward	*Forestport*	10 N
Tuthill, Stedman Davis	*Camden*	14 C
VanLoon, Arden David	*Bath*	26 S
Vibberts, Frank Gerald, Jr.	*New Britain, Conn.*	ΘΔΧ House
Watson, Walcott	*Bronxville*	14 S
Webster, Emery Douglas, Jr.	*Brockport*	Chapel
Wells, John Walter, 2d	*Menominee, Mich.*	12 S
Westerberg, Charles Holman, Jr.	*Westfield, N. J.*	17 S
Weston, Harry Peck	*Geneva*	ΘΔΧ House
Williams, Frank Curtis	*Syracuse*	21 S
Williams, Melvin Armand	*Baltimore, Md.*	29 S
Williams, William David	*Utica*	ΧΒΣ House
Young, Grant Swancott	*Utica*	3 C

Sophomores, Class of 1931

Adams, John Myron, Jr.	*Baltimore, Md.*	30 S
Allen, William Henry	*Hinsdale, Ill.*	12 C
Anderson, Rienhold Searle	*Syracuse*	23 N
Andrew, Russell Herbert	*Massena*	21B N
Bailey, Henri Lewis	*Washington, D. C.*	18B N

*On leave of absence for foreign study.

Baldwin, Willis LaVerne	*LeRoy*	20 S
Bannerman, Græme Campbell	*Washington, D. C.*	20 S
Bates, Arthur Seymour	*Cortland*	ΔΧΑ House
Birch, John McLoughlin	*Utica*	18 C
Boevé, Lucas, Jr.	*Kingston*	17 S
Bonner, Albert Laney	*McGraw*	ΔΧΑ House
Bourne, Alfred Severin, Jr.	*Augusta, Ga.*	21 S
Bresee, Wilmer Edgar	*Oneonta*	ΧΒΣ House
Britten, George	*Cortland*	3 S
Buchbinder, Benjamin, Jr.	*New York*	17 N
Bush, Louis Clifford	*Lowville*	21 C
Carberry, Kenneth Slater	*Newark, N. J.*	North House
Carmer, DeLand	*Fairport*	ΨΥ House
Chase, Frederick Peter Spence	*Clinton*	14 S
Christiana, William Francis	*Hudson*	ΨΥ House
Conger, Harold Jewell	*Utica*	4 N
Cooke, George Bradford	*Monticello*	23 S
Corwin, John Frederick	*Orange, N. J.*	22 S
Coxon, William Francis, Jr.	*Utica*	20 S
Crade, Isadore Effron	*Utica*	12 N
Crane, Thomas Robert	*Clinton*	Philip B. Crane's
Crowley, Francis Jerome	*Williamstown, Mass.*	15 S
Cruser, Robert Woodside	*Conklin*	North House
Day, Theodore C.	*Livonia*	24 C
Deaner, Franklin Joseph	*Rochester*	26 S
Denham, Tilson Sherman	*Syracuse*	ΘΔΧ House
Dixon, Edward Sackett	*Hall*	19 C
Drummond, Burke Wills	*Auburn*	8 S
Edwards, George Vail, Jr.	*New York*	ΨΥ House
Eggleston, Leslie Everett	*Greene*	26 S
Ellison, Frederick Speirs	*White Plains*	ΔΥ House
Empsall, Robert Hunt	*Malone*	ΨΥ House
Fairchild, David Page	*Plattsburg*	ΨΥ House
Fanning, Irving Harlow	*Hampton Bays*	27 N
Fischer, Gordon	*Brooklyn*	ΘΔΧ House
Fonda, Douw Henry, Jr.	*Plandome*	8 S
Ford, Henry Rutgers, Jr.	*Buffalo*	11 S
Fordham, Henry Halsey	*Southampton*	17 N
Frazee, Charles Osborn	*East Hampton*	5 C
Friedlander, Paul Josef	*Utica*	12 N
Friedlander, Sidney	*Binghamton*	1 S
Frisbee, Jay Graham	*Andes*	ΔΧΑ House

Gaskill, Reginald DeWitt	*Ilion*	17 S
Graham, Allan Stuart	*Mount Vernon*	ΔΤ House
Guyton, John Putnam	*Evanston, Ill.*	20 C
Hancock, Alfred VanWagenen	*Syracuse*	21 S
Harman, Harry Overfield	*Bainbridge*	10 S
Hart, Howard Fenley	*Watertown*	18 C
Hiler, Donald Clinton	*Brockport*	6 C
Hughes, James Robb, Jr.	*Utica*	4 C
Hunter, Edward Kinsley	*New York*	16 S
Hutchinson, James Woods	*Maplewood, N. J.*	8 S
Jayne, Lloyd Smith	*Batavia*	ΑΞΣ House
Johnson, Theodore Alanson Page	*Englewood, N. J.*	1 C
Jones, John Haydn	*Utica*	13 C
Jones, Louis Clark	*Albany*	16 S
Kerr, Charles Dawson	*Cincinnatus*	3 N
Kerr, Robert Henry	*Cincinnatus*	3 N
Keyes, Oliver Johnson	*St. George*	23 N
Knox, Herbert Allan, Jr.	*New York*	19 C
Kolsch, Edwin Gregory	*College Point*	9 S
Lawrence, Howard Aubrey	*Brooklyn*	Chapel
Lee, Albert Randell, Jr.	*New York*	28 S
Luther, Everett David	*Clinton*	Clinton
Marvin, Lewis Mead	*Brooklyn*	Chapel
Meagher, Jefferson Frederick	*Binghamton*	8 S
Miller, Ralph Eaton, Jr.	*Bloomsburg, Pa.*	12 S
Morris, LaRue Gordon	*Endicott*	30 S
Morrison, Robert Tyler	*Montgomery*	ΑΞΣ House
Mosher, William Eugene, Jr.	*Syracuse*	22 N
Musial, Robert	*Yonkers*	19 S
Normile, Joseph George	*Binghamton*	30 S
Osgood, Robert Winship	*Hastings-on-Hudson*	22 N
Pardee, Curtis Rosebrook	*Syracuse*	26 S
Persson, Thure Walter	*Roslyn*	14 C
Polgreen, Waldron Mosher	*Albany*	9 S
Polhemus, Winford Lester, Jr.	*Woodhaven*	16 C
Pope, John Leslie	*Glencoe, Ill.*	13 S
Pratt, Willis Winslow	*Albion*	1 C
Rayton, Willis MacNair	*Rochester*	5 C
Redmond, Albert Carroll	*New York*	3 S
Richards, John Lowell	*Oswego*	22 S
Rienzo, John Edward	*Rome*	ΧΒΣ House
Rockino, Samuel Xavier	*Utica*	16 N

Rodger, John Archibald	*Moravia*	7 S
Ross, William Frederic	*Syracuse*	17 C
Rowland, Jerrold	*New York*	26 N
Rumble, Edmund Taylor, Jr.	*Maplewood, N. J.*	XBΣ House
Sawtelle, Martin Henry	*Binghamton*	13 S
Senior, Latimer Bayard	*Utica*	20 C
Smith, Andrus Bassett	*Norwich*	13 N
Smith, Dwight	*New York*	23 S
Smith, Kenworthy Bennett	*Woodstown, N. J.*	1 N
Smith, Montgomery Cayley, Jr.	*Hudson*	ΨΥ House
Stagliano, Angelo	*Utica*	26 N
Stevens, Mathewson Delacroix	*Brooklyn*	18 S
Stewart, Frank Y., Jr.	*New Rochelle*	25 N
Symonds, Charles Searle	*New Hartford*	28 S
Tucker, Frederick Porter	*New Bedford, Mass.*	ΨΥ House
Van Orsdell, Elbert Lamasure	*Hudson*	ΨΥ House
Walts, Harry Lambert	*Fort Plain*	8 C
Wardwell, James Fletcher	*Rome*	ΨΥ House
Webb, Howard Philips	*Whitesboro*	Clinton
Webster, Robert Lindsley	*Ithaca*	17 C
Wilson, Robert Letchworth	*Buffalo*	28 S
Wright, Edgar Burchard	*Port Chester*	9 C

Freshmen, Class of 1932

Abbott, Paul Richard, Jr.	*Glens Falls*	ΔΥ House
Albert, John Alfred	*Liberty*	XBΣ House
Aller, Nathan Shaul	*Phoenix*	4 N
Ashmead, Robert Nelson	*Jamaica*	ΨΥ House
Avery, Eugene Elliott	*Hoosick Falls*	ΔΞΣ House
Baldwin, Waterman	*Waverly*	7 C
Barlow, Scott	*New York*	ΔΧΑ House
Bartram, John Bowman	*Arlington, N. J.*	ΔΥ House
Batchelor, Jackson Milton	*Herkimer*	14 C
Bates, Marion Noble	*Rome*	ΨΥ House
Batten, Douglass Hasbrouck	*Lyndhurst, N. J.*	ΔΥ House
Benedict, Enos Staples	*Brockport*	ΔΚΕ House
Blake, William John, Jr.	*Cranford, N. J.*	15 C
Bliss, Charles Wesley	*New Rochelle*	ΔΞΣ House
Borst, Raymond Richard	*Auburn*	North House
Breckenridge, Walter Ferguson	*Walton*	North House
Broughton, William Raymond	*Buffalo*	ΔΥ House

Brown, George William	*Binghamton*	10 C
Burnett, Robert Daniel	*South Orange, N. J.*	ΔKE House
Campbell, Hallock Cowles	*Brooklyn*	ΘΔX House
Carpenter, Robert Charles	*Clinton*	Charles H. Carpenter's
Caswell, Tiffany Brainerd	*Rome*	ΨΥ House
Chase, Herbert Irving	*Melrose*	XBΣ House
Clark, Beauchamp Coleman	*Narrowsburg*	ΛXA House
Clarke, Robert Slosson	*Glens Falls*	ΘΔX House
Corby, Herbert Edward	*West Orange, N. J.*	North House
Coward, Wilson Lathrop	*Waverly*	ΔΞΣ House
Crane, Homer Curtiss	*Waterbury, Conn.*	4 S
Creagh, John Vincent	*Binghamton*	ΛXA House
Crowell, Winthrop Sears	*New York*	ΔKE House
Crutchley, Fenton Edward	*Southampton*	North House
Cunningham, Donald Monro	*Lynbrook*	ΔKE House
Danella, Jack John	*Utica*	16 N
Davis, Robert Armstrong	*Erie, Pa.*	24 N
Decker, George Emmett	*DeBruce*	XBΣ House
Denman, Alvan Bayard Christopher	*Cranford, N. J.*	ΔΥ House
DeRosa, Raymond LeRoy	*Utica*	11 N
DeSormo, Leland Kennedy	*Malone*	ΨΥ House
Disney, Frank Albert	*Rockville Centre*	ΘΔX House
Dixon, John Sherman	*East Orange, N. J.*	XΨ Lodge
Eames, Norris Morey	*Buffalo*	ΣΦ Place
Estabrook, Charles Scott, Jr.	*Fayetteville*	XΨ Lodge
Fauver, Alfred Lester	*Lorain, O.*	ΔΥ House
Fisher, Clarence Ingals	*Lyons Falls*	4 C
Fisher, Jerome Bonaparte, Jr.	*Jamestown*	ΔKE House
Fox, Frederick Close	*Toledo, O.*	ΔΥ House
Fredman, Odin	*Elmhurst*	XBΣ House
Glazer, Sidney Simon	*Brooklyn*	5 S
Goodfellow, Joseph William	*Brooklyn*	24 N
Govern, Hugh, Jr.	*New Rochelle*	ΔΥ House
Green, Theodore Miller	*Albany*	23 C
Gross, Edward Valentine	*Brooklyn*	North House
Gross, Kelland Frederick	*Brooklyn*	North House
Harris, William McCord, Jr.	*Riverdale-on-Hudson*	23 C
Harvey, Arthur Oswald	*Yonkers*	ΘΔX House
Harwood, Theodore Henry	*Dorset, Vt.*	6 N
Henderson, Allen Robert	*Tarrytown*	ΛXA House
Heuston, Harold Zell	*New York*	ΘΔX House
Hobart, Henry Bentley, 3d	*Boonville*	18 S

Hofstetter, Gordon William	*Herkimer*	Prof. Shute's
Hollenbeck, Sebert Earl	*Bainbridge*	1 N
Holley, Horace King, Jr.	*LaCrosse, Wis.*	2 C
Holt, Samuel James	*Utica*	ΔΞΣ House
Howard, John Wade	*Bradford, Pa.*	4 S
Howard, Timothy Joseph	*Utica*	Clinton
Hoyer, David Graham	*Buffalo*	ΔKE House
Hubbard, Robert James	*Cazenovia*	ΣΦ Place
Hubbel, Harold Graham, Jr.	*Tarrytown*	XΨ Lodge
Humeston, Edward Judson, Jr.	*Huntington*	7 C
Hummer, Jack William	*Binghamton*	6 C
Jamieson, Frank Berkeley	*Rockaway Beach*	XΨ Lodge
Jenks, Richard Askey	*New York*	12 C
Johnson, Francis Munger	*Utica*	6 C
Jones, Jenkin Maynard	*Utica*	14 N
Jones, Thomas Gray	*Utica*	28 N
Kane, John Joseph	*Poughkeepsie*	6 S
Kelsey, Weston Maynard, Jr.	*Palmerton, Pa.*	24 S
Kimball, Frederick Hubert	*Watertown*	7 S
Krueger, Harry Gordon	*Brooklyn*	XBΣ House
Laros, George Alvin	*Easton, Pa.*	23 C
Leavenworth, Thomas Warner	*Amsterdam*	13 C
Lester, John Wheeler	*Hamburg*	ΔKE House
LeVien, Gardner	*Beacon*	11 N
Lewis, Clifford Ager	*Troy*	XBΣ House
Maijgren, Henry Thorvald	*Rochester*	ΔKE House
Mangan, John Henry, Jr.	*Binghamton*	ΔKE House
Merriam, Edmund Arnold, Jr.	*Wallingford, Conn.*	2 C
Moe, Martin Lorimer	*Jamestown*	ΔXA House
Monàcelli, William Anthony	*Albion*	19 S
Moore, Frederick Jessup	*Yonkers*	ΨΥ House
Moore, John Turner, Jr.	*Reading, Pa.*	22 N
Morrow, William Wheelock	*Mount Morris*	7 N
Mozeyko, Edward Michael	*Beacon*	11 N
Munson, Donald Leavenworth	*Bridgeport, Conn.*	25 N
Norton, Mortimer Herbert	*Utica*	ΔΞΣ House
Ohmann, Robert Carmer	*Lyons*	ΨΥ House
Over, James Watson	*Pittsburgh, Pa.*	9 S
Palewski, Stanley Benedict	*Utica*	28 N
Palmer, Hamilton Slade	*Waverly*	18 C
Payne, Charles Selock	*Liberty*	XΨ Lodge
Payne, John Hobart Jay	*Liberty*	XΨ Lodge

Phelps, Robert George	*Rockville Centre*	ΘΔX House
Pierce, Thomas Pieronnet, Jr.	*Fairport*	ΨΥ House
Pippitt, Richard Branch	*Port Jervis*	ΔKE House
Porter, Harry William	*Mount Morris*	7 N
Pouser, Benjamin Bernard	*Endicott*	5 S
Prescott, Edward Watson	*West Roxbury, Mass.*	ΘΔX House
Pritchard, Walter Herbert	*Binghamton*	ΔKE House
Rawson, Frederick Holbrook, Jr.	*Chicago, Ill.*	Prof. A. P. Saunders's
Ready, John Overton, Jr.	*Brooklyn*	ΛXA House
Robinson, Robert Williams	*Ithaca*	15 C
Rogers, Ralph	*Clinton*	ΣΦ Place
Ross, Herbert Harrison	*Westfield, N. J.*	ΔKE House
Roth, Thomas Jefferson	*Cincinnati, O.*	1 C
Sanford, John Wallace	*Rochester*	XΨ Lodge
Scagel, Kenneth McClellan	*Clinton*	7 Elm Street
Schoepflin, Merle Charles	*Warsaw*	North House
Schwaiger, Earle Furman	*Clinton*	Clinton
Scott, Henry Wilcox	*Deposit*	18 S
Sechrist, Richard Grant	*Elmira*	2 N
Skinner, Andrew Elwyn	*Worcester*	22 C
Skinner, Arden Lionel	*Syracuse*	ΨΥ House
Slingluff, John Kernan	*Baltimore, Md.*	9 C
Sloane, William John, Jr.	*Brooklyn*	North House
Smith, Alfred Holbrook	*Brooklyn*	XΨ Lodge
Smith, Carl Benton, Jr.	*Syracuse*	ΨΥ House
Smith, Frank Murney, Jr.	*Johnson City*	ΛXA House
Smith, Roy Lacey	*Vernon*	15 C
Stein, Arthur Harold	*Brooklyn*	5 S
Stewart, Edgar Edington, Jr.	*Great Neck*	ΘΔX House
Stone, Benjamin Johnson	*Washington, D. C.*	ΣΦ Place
Strong, Edward Clark, Jr.	*Buffalo*	ΣΦ Place
Sweely, James Stewart	*Williamsport, Pa.*	3 C
Tennant, Robert Clermonte	*Cooperstown*	11 S
Torge, George Russell	*Buffalo*	8 N
Tuthill, Claude Nathaniel	*Miller Place*	XBΣ House
Tuthill, Richard Marsden	*Rochester*	ΔKE House
Valachovic, Anthony Augustus	*Johnstown*	5B N
VanDeventer, John Francis	*Passaic, N. J.*	ΨΥ House
Vosburgh, Ralph William	*Ames*	ΛΞΣ House
Wagenblass, John Henry	*Warsaw*	8 N
Walsh, John Joseph	*Utica*	14 N
Watt, Robert Speer	*Pittsburgh, Pa.*	ΨΥ House

Wells, Albert Edward	*Oriskany Falls*	2 N
West, John Richard	*Elmira*	11 C
Wettlaufer, Crawford Dale	*Buffalo*	ΣΦ Place
White, Albert Kirk	*Troy*	ΨΤ House
White, Newton Edgar	*Syracuse*	ΘΔΧ House
Will, Frank Edward	*Batavia*	ΛΧΑ House
Wilson, James Ward	*Endwell*	ΛΧΑ House
Wilson, Merrill Kline	*Johnstown*	ΛΞΣ House
Woodcock, William Alexander	*Syracuse*	ΨΤ House
Zalewski, John Boleslaus	*Utica*	21A N
Zuckerman, Leo Arverne	*Saratoga Springs*	5 S

Summary of Registration

Candidates for the Degree of A. M.	4
Seniors	75
Juniors	98
Sophomores	111
Freshmen	154
Total	442